

SUPERINTENDENT'S REPORT

OF THE

FLORIDA STATE HOSPITALS

CHATTAHOOCHEE, FLORIDA

and

ARCADIA, FLORIDA



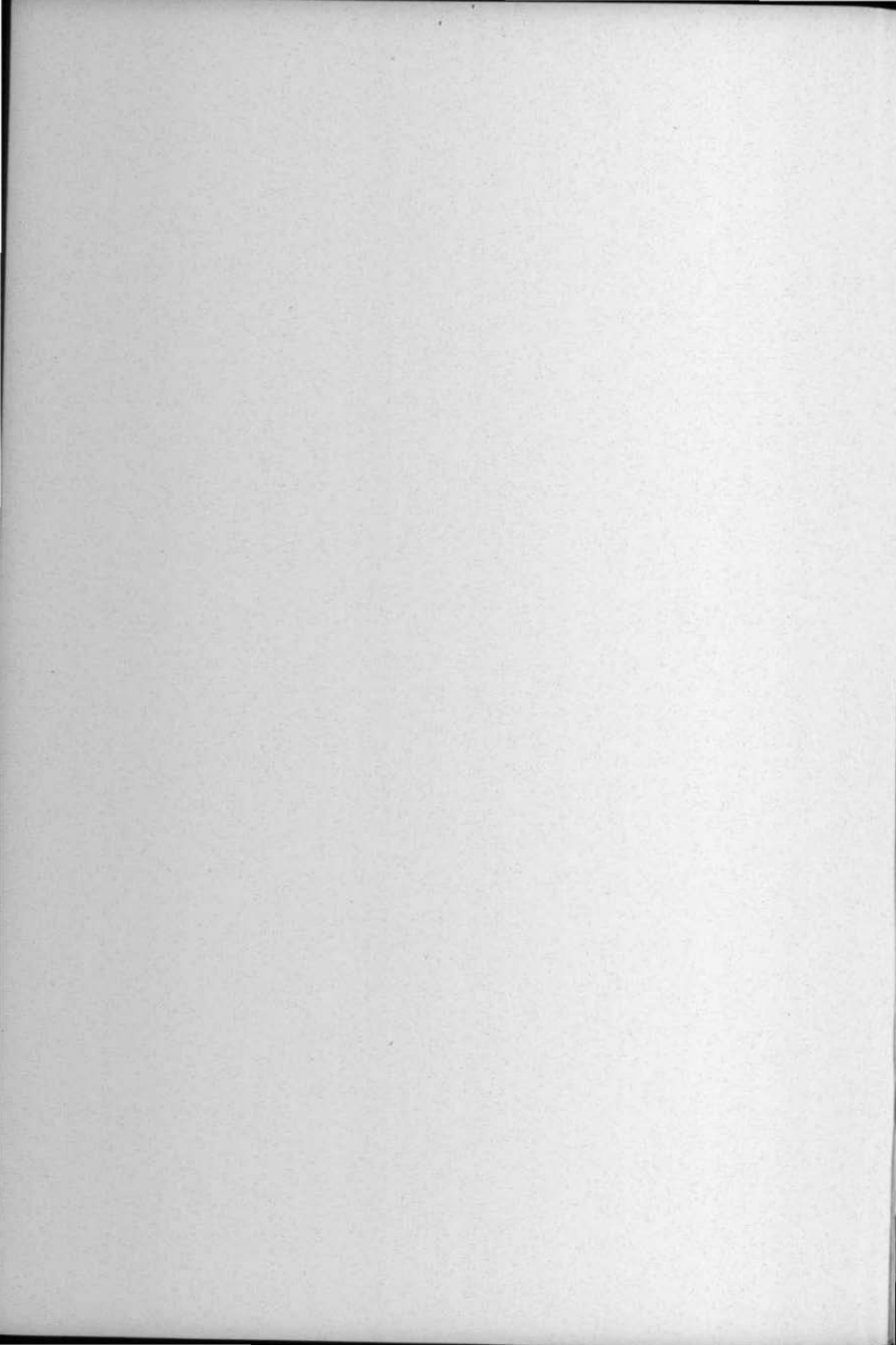
For the period beginning
July 1, 1952 and ending June 30, 1954

THE H. & W. B. DREW CO.
JACKSONVILLE, FLORIDA

GOVERNING BODY
BOARD OF COMMISSIONERS OF STATE
INSTITUTIONS
TALLAHASSEE, FLORIDA

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W. D. Rogers, M.D.....*Superintendent*
Chattahoochee, Florida



TRANSMITTAL

To The
Board of Commissioners of State Institutions
Tallahassee, Florida
Gentlemen:

Transmitted herewith is report of the Florida State Hospitals for biennial period July 1, 1952 to June 30, 1954, covering the treatment program, statistical data, management, and service departments of the Florida State Hospital at Chattahoochee and the G. Pierce Wood Memorial Branch Hospital at Arcadia.

Grateful appreciation is expressed to the Board of Commissioners of State Institutions for their assistance during the biennial period. Without this cooperation it would have been impossible to make the progress we have made.

To the organizations and individuals who have given of their personal time in preparing entertainments for the patients, and who have so kindly remembered them with gifts, we extend our sincere thanks.

Respectfully submitted

W. D. ROGERS, M.D.

Superintendent



AERIAL VIEW — FLORIDA STATE HOSPITAL
CHATTAHOOCHEE

DEPARTMENT HEADS

As of June 30, 1954

W. D. Rogers, M.D.....	Superintendent
J. T. Benbow, M.D.....	Clinical Director
J. B. O'Connor, M.D.....	Assistant Clinical Director
J. K. Cox, D.D.S.....	Chief Dentist
F. D. Palsgraaf.....	Administrative Assistant
D. D. Miles.....	Cashier
Dora Fulgham, R.N.....	Supervisor of Nurses
Etelka W. Young, R.N.....	Director, School of Nursing Education
Wayne A. Duden.....	Chaplain
Isabel Mawhinney.....	Secretary to the Superintendent
R. T. Duncan.....	Chief Engineer
G. B. Kirkland.....	Supervisor of Laundry
Mary C. Parker, O.T.R.....	Occupational Therapist
E. J. Langley.....	Fire Chief
Jules Terhell.....	Horticulturist
Mary Alice Pond.....	Dietitian
Mae T. Clark, R.N.....	Supervisor of Amos Infirmary
W. O. Bell.....	Manager of Commissary
Dan W. D'Alemberte.....	Supply Clerk
W. H. Dickson.....	Supervisor of White Men's Department
Jessie Domin, R.N.....	Supervisor of White Women's Department
H. M. Dean.....	Supervisor of Colored Men's Department
Chleo Sanders.....	Supervisor of Colored Women's Department
Angus F. Franklin.....	Supervisor of Farm
Norman S. James.....	Sanitary Supervisor
Chas. P. Evans.....	Chief Steward
Colie Nichols.....	Captain of the Guard
Jewel Patman.....	Matron, Landis Hall
Andrew Moore.....	Construction Supervisor
Alva T. Revell.....	Director of Recreation
Marvin Hill.....	Steward, Amos Infirmary Kitchen
Iris Jones.....	Librarian

THE FLORIDA STATE HOSPITAL

The Florida State Hospital at Chattahoochee, which has been caring for the mentally ill of the state since 1876, has grown greatly in size and service and at the close of the biennium, June 30, 1954, had a patient population of 6,490. In addition to this number, 1,228 patients were being cared for at the branch hospital at Arcadia, making a total of 7,718, a net increase of 557 during the period under report.

In view of the services necessary for the operation of an institution this size a number of maintenance and service departments are required, in addition to the medical department and its subdivisions, and some idea of the scope of the hospital may be gained from the following general condensed information:

DEPARTMENTS:

Administration	Electric Shop	Radio System and T-V
Accounting	Fire	Recreation
Beauty Parlor	Feed and Grist Mill	Receiving and Intensive
Barber Shop	Foundry	Treatment Division
Broom and Mop Factory	Garage	School of Nursing
Brick Manufacturing Plant	General Hospital	Education
Canteen	General Kitchen	School of Medical
Commissary	Hog Farm	Technology
Chaplaincy	Horticulture	Sewing Room
Canning Plant	Ice Plant	Saw Mill
Construction	Library	Sanitary
Carpenter Shop	Laundry	Trust
Continued Treatment	Machine Shop	Telephone System
Service	Mattress Factory	Telegraph System
Diet Kitchen	Occupational Therapy	Vegetable Farm
Dairy	Post Office	Water Works
Dental Clinic	Plumbing	Ward Supplies and
Electric Plant	Power Plant	Equipment

FLORIDA STATE HOSPITALS
AS OF JUNE 30, 1954 YOUR HOSPITALS SHOWED
THE FOLLOWING FIGURES

	Chattahoochee	Arcadia	Total
Land Acreage.....	6,930	2,173	9,103
Buildings & Structures.....	290	98	388
Patients Present.....	6,490	1,228	7,718
Prisoners.....	203	—	203
Employees.....	1,643	346	1,989

EXPENDED FOR MAINTENANCE:

	Chattahoochee	Arcadia	Total
First Year of Biennium.....	\$ 4,813,942.58	\$ 1,017,634.20	\$ 5,831,576.78
Second Year of Biennium.....	5,249,962.77	1,208,754.82	6,458,717.59
TOTAL FOR BIENNIUM.....	\$10,063,905.35	\$ 2,226,389.02	\$12,290,294.37

PER PATIENT PER DAY COSTS:

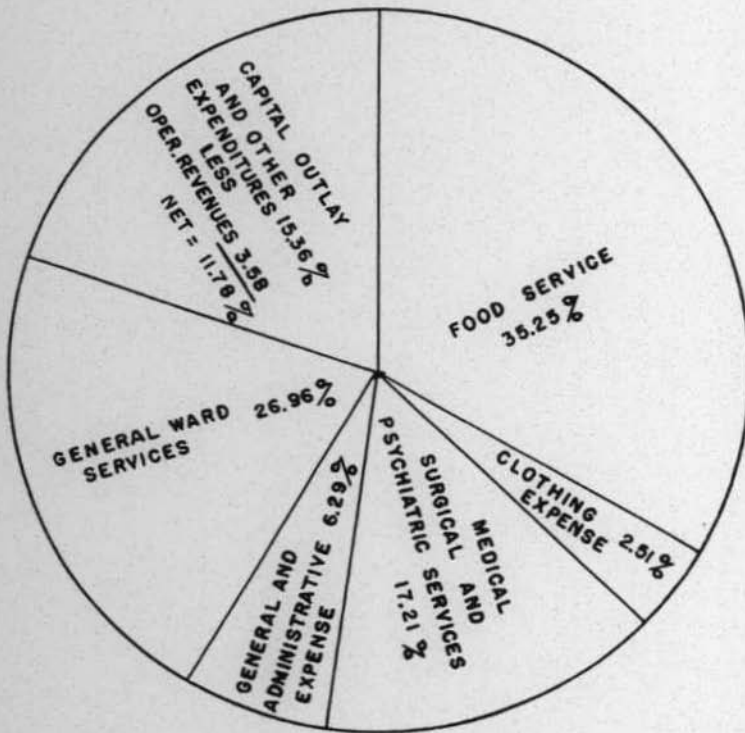
	Chattahoochee	Arcadia	Total
First Year of Biennium.....	\$2.0783	\$2.9837	\$2.1945
Second Year of Biennium.....	2.2330	2.9314	2.3372
AVERAGE COST PER BIENNIUM.....	\$2.1562	\$2.9551	\$2.2673

FLORIDA STATE HOSPITAL
NET EXPENDITURES—YEAR ENDED JUNE 30, 1953

(Both Hospitals)

\$7,409,392.91

Portion of Each Dollar Spent Went
For



SOURCES EXPENDED FROM:

Operating Appropriations	\$6,268,477.69
Capital Outlay Appropriations	1,174,399.60
Funds	180,571.15
Donated Surplus Commodities	78,203.13
Donated Ice Plant	15,000.00

Total Expenditures\$7,716,651.57

Less Fund Receipts 307,258.66

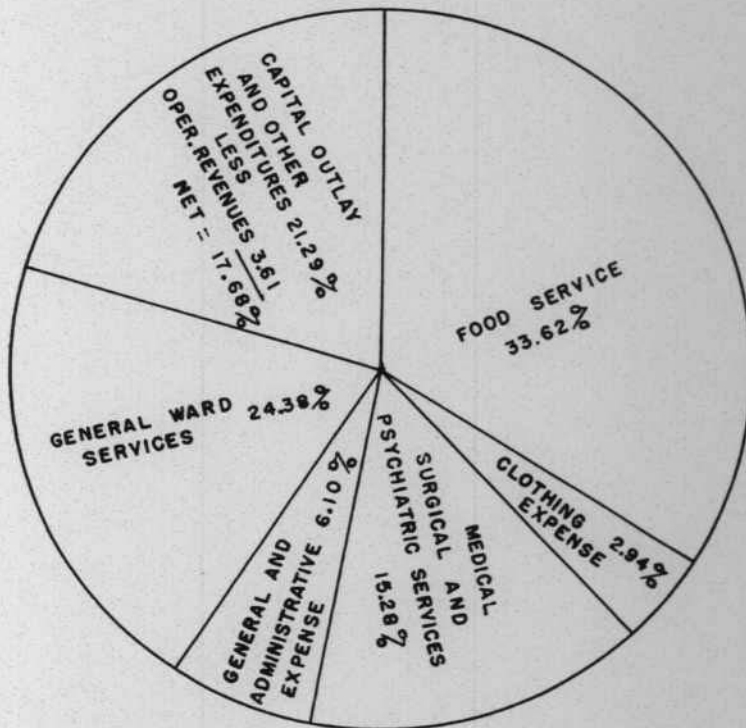
NET EXPENDITURES\$7,409,392.91

FLORIDA STATE HOSPITAL

NET EXPENDITURES—YEAR ENDED JUNE 30, 1954

(Both Hospitals)

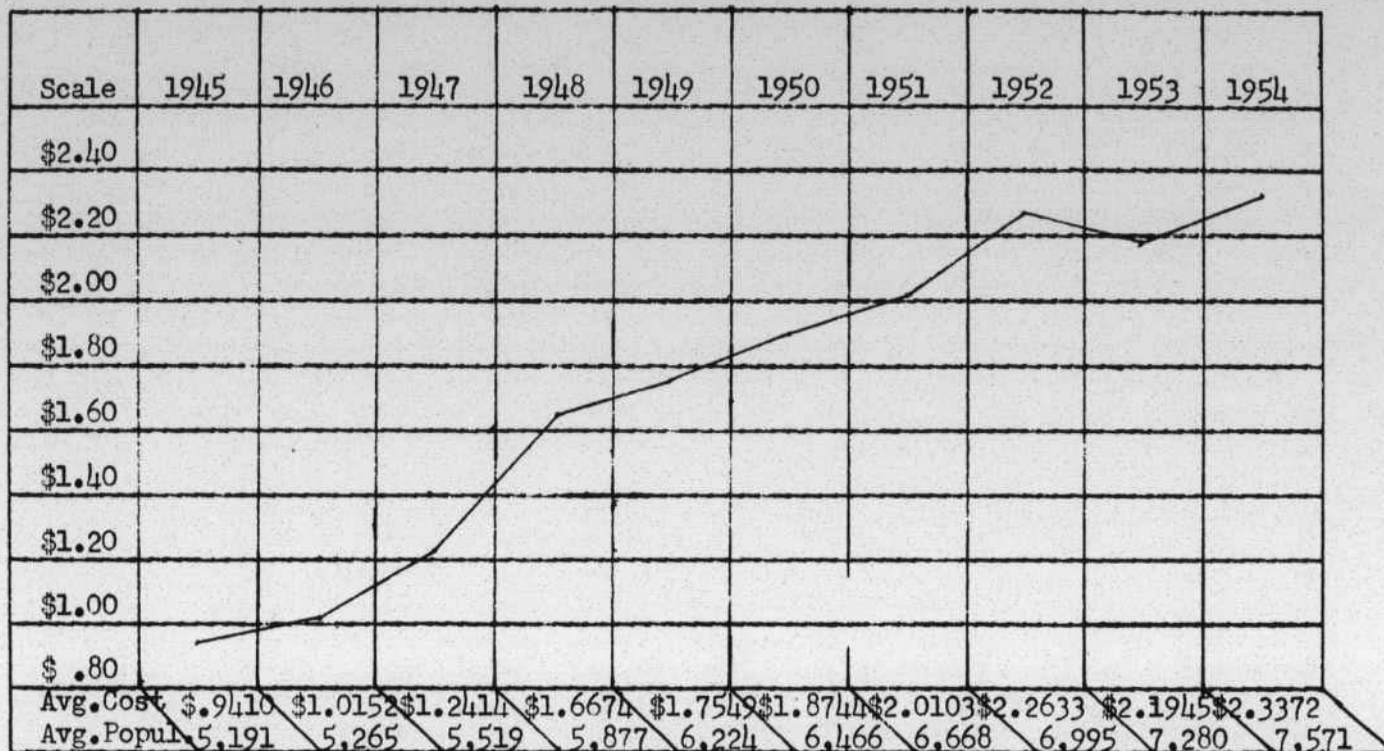
\$7,630,924.39

Portion of Each Dollar Spent Went
For

SOURCES EXPENDED FROM:

Operating Appropriations	\$6,798,461.69
Capital Outlay Appropriations	754,391.20
Funds	178,172.06
Donated Surplus Commodities	235,987.45
Total Expenditures	\$7,967,012.40
Less Fund Receipts	336,088.01
NET EXPENDITURES	<u>\$7,630,924.39</u>

Graphic Chart Showing Total Care And Maintenance Costs, Per Diem, Per Patient, For
Fiscal Years Shown



STATEMENT OF CONDITION
FLORIDA STATE HOSPITALS — CHATTAHOOCHEE AND ARCADIA

	At End of Fiscal Year—June 30, 1953			At End of Fiscal Year—June 30, 1954		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
ASSETS						
CURRENT ASSETS AND DEFERRED CHARGES:						
Funds:						
Cash on Hand and Due from Comptroller.....	\$ 17,867.75	\$ 398.07	\$ 18,265.82	\$ 27,824.89	\$ 2,203.76	\$ 30,028.65
State Treasury.....	663,636.59	—	663,636.59	645,730.01	—	645,730.01
Accounts Receivable:						
Paying Patients.....	82,060.08	8,370.52	90,430.60	68,999.13	10,075.90	79,075.03
Others—Principally State Institutions.....	2,901.48	479.56	3,381.04	2,961.00	579.76	3,540.76
Inventories:						
Supplies.....	577,599.46	104,756.64	682,356.10	669,100.19	115,240.33	784,340.52
Beef Cattle and Hogs.....	17,466.00	—	17,466.00	20,447.00	12,500.00	32,947.00
Deposits on Containers, Etc.....	1,217.51	105.00	1,322.51	1,152.96	190.00	1,342.96
Deferred Charges.....	2,595.97	—	2,595.97	3,779.74	—	3,779.74
TOTAL CURRENT ASSETS AND DEFERRED CHARGES.....	\$ 1,365,344.84	\$ 114,109.79	\$ 1,479,454.63	\$ 1,439,994.92	\$ 140,789.75	\$ 1,580,784.67
FIXED ASSETS:						
Land and Improvements.....	\$ 222,579.20	\$ 174,277.10	\$ 396,856.30	\$ 242,737.73	\$ 174,277.10	\$ 417,014.83
Buildings and Structures.....	6,735,887.52	1,301,709.36	8,037,596.88	7,772,072.49	1,654,509.52	9,426,582.01
Machinery and Equipment.....	2,601,483.40	420,573.29	3,022,056.69	2,814,774.70	506,218.39	3,320,993.09
Groves and Orchards.....	9,527.50	—	9,527.50	8,232.50	—	8,232.50
Horses & Mules.....	6,142.50	—	6,142.50	6,202.50	—	6,202.50
Dairy Herd.....	16,967.50	—	16,967.50	17,350.00	—	17,350.00
Uncompleted Projects—New Construction.....	664,542.25	322,590.29	987,132.54	248,206.90	51,533.71	299,740.61
TOTAL FIXED ASSETS.....	\$ 10,257,129.87	\$ 2,219,150.04	\$ 12,476,279.91	\$ 11,109,576.82	\$ 2,386,538.72	\$ 13,496,115.54
APPROPRIATIONS:						
For Current Operations.....	\$ 90,985.79	\$ 6,683.02	\$ 97,668.81	\$ 788,045.07	\$ 184,435.64	\$ 972,480.71
For Capital Outlays and Betterments.....	416,940.70	71,555.31	488,496.01	4,342,799.33	1,643,445.33	5,986,244.66
TOTAL APPROPRIATIONS.....	\$ 507,926.49	\$ 78,238.33	\$ 586,164.82	\$ 5,130,844.40	\$ 1,827,880.97	\$ 6,958,725.37
TOTAL ASSETS.....	\$ 12,130,401.20	\$ 2,411,498.16	\$ 14,541,899.36	\$ 17,680,416.14	\$ 4,355,209.44	\$ 22,035,625.58

STATEMENT OF CONDITION—(Continued)
FLORIDA STATE HOSPITALS—CHATTAHOOCHEE AND ARCADIA

	At End of Fiscal Year—June 30, 1953			At End of Fiscal Year—June 30, 1954		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
LIABILITIES, RESERVES AND INVESTMENT						
CURRENT LIABILITIES:						
Accounts Payable.....	\$ 25,836.11	\$ 7,912.43	\$ 33,748.54	\$ 74,227.45	\$ 30,212.47	\$ 104,439.92
Prepaid Pay Patients Fees and Refunds Due.....	2,635.69	284.30	2,919.99	3,668.54	724.33	4,392.87
Reserve for General Revenue Transmittals.....	96,325.64	8,963.85	105,289.49	80,365.51	11,135.09	91,500.60
TOTAL CURRENT LIABILITIES.....	\$ 124,797.44	\$ 17,160.58	\$ 141,958.02	\$ 158,261.50	\$ 42,071.89	\$ 200,333.39
UNEXPENDED FUNDS AND APPROPRIATIONS:						
Cash on Hand for Transfer to Trust Funds.....	\$ 5,871.25	\$ —	\$ 5,871.25	\$ —	\$ —	\$ —
Revolving Fund.....	—	—	—	15,000.00	1,000.00	16,000.00
Cash with State Treasurer:						
For Current Operations.....	6,152.18	—	6,152.18	2,390.23	—	2,390.23
For Capital Outlay and Betterments.....	657,484.41	—	657,484.41	643,339.78	—	643,339.78
Appropriations:						
Operating.....	90,985.79	6,683.02	97,668.81	788,045.07	184,435.64	972,480.71
Capital Outlay.....	416,940.70	71,555.31	488,496.01	4,342,799.33	1,643,445.33	5,986,244.66
TOTAL UNEXPENDED FUNDS AND APPROPRIATIONS.....	\$ 1,177,434.33	\$ 78,238.33	\$ 1,255,672.66	\$ 5,791,574.41	\$ 1,828,880.97	\$ 7,620,455.38
INVENTORIES AND OTHER BALANCES.....	\$ 571,039.56	\$ 96,949.21	\$ 667,988.77	\$ 621,003.41	\$ 97,717.86	\$ 718,721.27
PLANT INVESTMENT.....	\$ 10,257,129.87	\$ 2,219,150.04	\$ 12,476,279.91	\$ 11,109,576.82	\$ 2,386,538.72	\$ 13,496,115.54
TOTAL LIABILITIES, RESERVES AND INVESTMENTS.....	\$ 12,130,401.20	\$ 2,411,498.16	\$ 14,541,899.36	\$ 17,680,416.14	\$ 4,355,209.44	\$ 22,035,625.58

SUMMARY OF OPERATIONS
FLORIDA STATE HOSPITALS — CHATTAHOOCHEE AND ARCADIA

	Fiscal Year July 1, 1952 Through June 30, 1953			Fiscal Year July 1, 1953 Through June 30, 1954		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
BALANCES BROUGHT FORWARD:						
Cash and Bank.....	\$ 34,341.36	\$ 1,632.40	\$ 35,973.76	\$ 17,867.75	\$ 398.07	\$ 18,265.82
State Treasurer.....	634,104.75	—	634,104.75	663,636.59	—	663,636.59
Appropriations, Operating.....	299,468.09	—	299,468.09	90,985.79	6,683.02	97,668.81
Appropriations, Capital Outlay.....	1,244,672.71	406,592.77	1,651,265.48	416,940.70	71,555.31	488,496.01
TOTAL BALANCES BROUGHT FORWARD.....	\$ 2,212,586.91	\$ 408,225.17	\$ 2,620,812.08	\$ 1,189,430.83	\$ 78,636.40	\$ 1,268,067.23
APPROPRIATIONS, DONATIONS AND REVENUES:						
Appropriations:						
Operating.....	\$ 5,482,360.00	\$ 1,128,990.00	\$ 6,611,350.00	\$ 6,289,970.00	\$ 1,451,860.00	\$ 7,741,830.00
Capital Outlay and Betterments.....	—	—	—	4,520,434.12	1,683,465.88	6,203,900.00
Contingencies.....	44,550.60	30,449.40	75,000.00	—	—	—
Other.....	2,355.20	115.35	2,470.55	3,877.93	694.90	4,572.83
Donations:						
U. S. Government Matching Funds.....	137,500.00	—	137,500.00	72,541.09	—	72,541.09
Donated Surplus Commodities.....	71,441.89	6,761.24	78,203.13	215,619.04	20,368.41	235,987.45
Donated Ice Plant.....	15,000.00	—	15,000.00	—	—	—
Private Cash Donations.....	6,000.00	—	6,000.00	654.75	—	654.75
Auxiliary Funds.....	14,674.18	—	14,674.18	10,202.98	4,544.15	14,747.13
Operating Revenues:						
Pay Patients Income.....	204,662.54	28,491.23	233,153.77	183,571.56	39,193.75	222,765.31
Profit on Hog Farm.....	27,757.51	—	27,757.51	47,202.25	—	47,202.25
Profit on Beef Herd.....	3,644.87	—	3,644.87	308.84	—	308.84
Other Income.....	10,170.95	198.66	10,369.61	3,300.61	29.14	3,329.75
Supplies and Equipment Transfers.....	11,423.21	11,423.21	—	13,207.06	13,207.06	—
TOTAL APPROPRIATIONS, DONATIONS AND REVENUES.....	\$ 6,001,404.79	\$ 1,206,429.09	\$ 7,207,833.88	\$ 11,334,476.11	\$ 3,213,363.29	\$ 14,547,839.40
TOTAL AVAILABLE.....	\$ 8,213,991.70	\$ 1,614,654.26	\$ 9,828,645.96	\$ 12,523,906.94	\$ 3,291,999.69	\$ 15,815,906.63

SUMMARY OF OPERATIONS—(Continued)
FLORIDA STATE HOSPITALS — CHATTAHOOCHEE AND ARCADIA

	Fiscal Year July 1, 1952 Through June 30, 1953			Fiscal Year July 1, 1953 Through June 30, 1954		
	Chattahoochee	Arcadia	Both Hospitals Combined	Chattahoochee	Arcadia	Both Hospitals Combined
EXPENDITURES AND DEDUCTIONS:						
Maintenance of Patients:						
Food Service.....	\$ 2,067,723.80	\$ 423,654.17	\$ 2,491,377.97	\$ 2,218,665.58	\$ 471,562.81	\$ 2,690,228.39
Clothing.....	186,330.26	31,316.30	217,646.56	150,142.55	41,007.30	191,149.85
Medical, Surgical & Psychiatric Service.....	987,710.54	144,074.86	1,131,785.40	1,156,894.38	156,681.48	1,313,575.86
Administrative and General Expense.....	336,698.25	115,365.82	452,064.07	347,111.33	132,892.43	480,003.76
General Ward Services.....	1,474,425.86	331,912.94	1,806,338.80	1,611,532.19	445,833.69	2,057,365.88
TOTAL MAINTENANCE EXPENSE.....	\$ 5,052,888.71	\$ 1,046,324.09	\$ 6,099,212.80	\$ 5,484,346.03	\$ 1,247,977.71	\$ 6,732,323.74
Capital Outlay.....	1,106,182.16	374,221.65	1,480,403.81	958,585.35	169,823.68	1,128,409.03
Increment—Inventories and Other Assets.....	86,672.66	10,739.66	97,412.32	41,156.34	2,641.43	43,797.77
NON-OPERATING DEDUCTIONS:						
Transfers to General Revenue.....	\$ 229,155.78	\$ 27,882.01	\$ 257,037.79	\$ 228,842.40	\$ 39,160.27	\$ 268,002.67
Appropriations Reverting.....	549,661.56	76,850.45	626,512.01	6,577.52	2,311.87	8,889.39
TOTAL NON OPERATING DEDUCTIONS.....	\$ 778,817.34	\$ 104,732.46	\$ 883,549.80	\$ 235,419.92	\$ 41,472.14	\$ 276,892.06
TOTAL EXPENDITURES AND DEDUCTIONS.....	\$ 7,024,560.87	\$ 1,536,017.86	\$ 8,560,578.73	\$ 6,719,507.64	\$ 1,461,914.96	\$ 8,181,422.60
BALANCES CARRIED FORWARD.....	\$ 1,189,430.83	\$ 78,636.40	\$ 1,268,067.23	\$ 5,804,399.30	\$ 1,830,084.73	\$ 7,634,484.03
SUMMARY OF BALANCES FORWARDED:						
Cash and Bank.....	\$ 17,867.75	\$ 398.07	\$ 18,265.82	\$ 27,824.89	\$ 2,203.76	\$ 30,028.65
State Treasurer.....	663,636.59	—	663,636.59	645,730.01	—	645,730.01
Appropriations, Operating.....	90,985.79	6,683.02	97,668.81	788,045.07	184,435.64	972,480.71
Appropriations, Capital Outlay.....	416,940.70	71,555.31	488,496.01	4,342,799.33	1,643,445.33	5,986,244.66
TOTALS.....	\$ 1,189,430.83	\$ 78,636.40	\$ 1,268,067.23	\$ 5,804,399.30	\$ 1,830,084.73	\$ 7,634,484.03

PERCENTAGE OF MAINTENANCE EXPENSE, CAPITAL OUTLAY & OTHER
EXPENDITURES TO NET EXPENDITURES
FLORIDA STATE HOSPITAL — CHATTAHOOCHEE AND ARCADIA

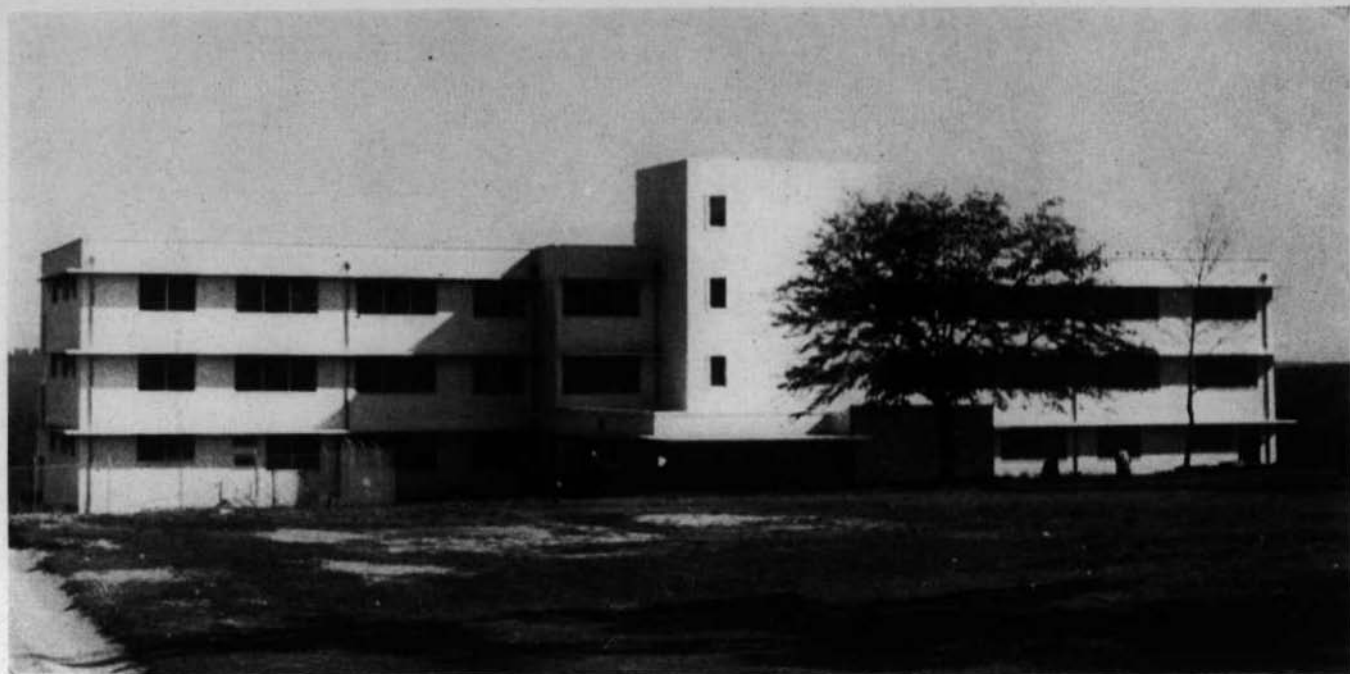
COMBINED TOTALS—BOTH HOSPITALS	Fiscal Year—July 1, 1952 Through June 30, 1953		Fiscal Year—July 1, 1953 Through June 30, 1954	
	Net Amount	Per Cent	Net Amount	Per Cent
Maintenance Expenses:				
Food.....	\$ 2,491,377.97	33.62	\$ 2,690,228.39	35.25
Clothing.....	217,646.56	2.94	191,149.85	2.51
Medical, Surgical & Psychiatric Service.....	1,131,785.40	15.28	1,313,575.86	17.21
Administrative & General Expense.....	452,064.07	6.10	480,003.76	6.29
General War Services.....	1,806,338.80	24.38	2,057,365.88	26.96
TOTAL MAINTENANCE EXPENSES	\$ 6,099,212.80	82.32	\$ 6,732,323.74	88.22
Deduct Operating Expenses.....	267,636.02	3.61	273,606.15	3.58
NET MAINTENANCE EXPENSES	\$ 5,831,576.78	78.71	\$ 6,458,717.59	84.64
Capital Outlay.....	1,480,403.81	19.98	1,128,409.03	14.79
Increment—Inventories & Other Current Resources.....	97,412.32	1.31	43,797.77	.57
NET EXPENDITURES	\$ 7,409,392.91	100.00	\$ 7,630,924.39	100.00
Expended From:				
Appropriations.....	\$ 7,442,877.29		\$ 7,552,852.89	
Funds.....	180,571.15		178,172.06	
Donated Commodities.....	78,203.13		235,987.45	
Donated Ice Plant.....	15,000.00		—	
	\$ 7,716,651.57		\$ 7,967,012.40	
Less Fund Receipts.....	307,258.66		336,088.01	
TOTALS	\$ 7,409,392.91		\$ 7,630,924.39	

COMPARATIVE MAINTENANCE STATEMENT FOR FISCAL YEARS SHOWN

Type of Expense	Year Ended June 30, 1953		Year Ended June 30, 1954	
	Total Costs	Per Diem	Total Costs	Per Diem
FLORIDA STATE HOSPITAL—CHATTAHOOCHEE:				
Food Service.....	\$ 2,067,723.80	\$.8927	\$ 2,218,665.58	\$.9437
Clothing Expense.....	186,330.26	.0804	150,142.55	.0639
Medical, Surgical & Psychiatric Services.....	987,710.54	.4264	1,156,894.38	.4921
General & Administrative Expense.....	336,698.25	.1455	347,111.33	.1476
General Ward Services.....	1,474,425.86	.6365	1,611,532.19	.6854
TOTALS.....	\$ 5,052,888.71	\$ 2.1815	\$ 5,484,346.03	\$ 2.3327
Deduct Operating Revenues.....	238,946.13	.1032	234,383.26	.0997
NET COSTS.....	\$ 4,813,942.58	\$ 2.0783	\$ 5,249,962.77	\$ 2.2330
Average Number of Patients.....		6,346		6,441
FLORIDA STATE HOSPITAL—ARCADIA:				
Food Service.....	\$ 423,654.17	\$ 1.2421	\$ 471,562.81	\$ 1.1436
Clothing Expense.....	31,316.30	.0918	41,007.30	.0994
Medical, Surgical & Psychiatric Services.....	144,074.86	.4422	156,681.48	.3800
General & Administrative Expense.....	115,365.82	.3382	132,892.43	.3223
General Ward Services.....	331,912.94	.9733	445,833.69	1.0812
TOTALS.....	\$ 1,046,324.09	\$ 3.0678	\$ 1,247,977.71	\$ 3.0265
Deduct Operating Revenues.....	28,689.89	.0841	39,222.89	.0951
NET COSTS.....	\$ 1,017,634.20	\$ 2.9837	\$ 1,208,754.82	\$ 2.9314
Average Number of Patients.....		934		1,130
BOTH HOSPITALS—COMBINED:				
Food Service.....	\$ 2,491,377.97	\$.9375	\$ 2,690,228.39	\$.9735
Clothing Expense.....	217,646.56	.0819	191,149.85	.0692
Medical, Surgical & Psychiatric Services.....	1,131,785.40	.4259	1,313,575.86	.4753
General & Administrative Expense.....	452,064.07	.1701	480,003.76	.1736
General Ward Services.....	1,806,338.80	.6798	2,057,365.88	.7446
TOTALS.....	\$ 6,099,212.80	\$ 2.2952	\$ 6,732,323.74	\$ 2.4362
Deduct Operating Revenues.....	267,636.02	.1007	237,606.15	.0990
NET COSTS—COMBINED.....	\$ 5,831,576.78	\$ 2.1945	\$ 6,458,717.59	\$ 2.3372
Average Number of Patients—Combined.....		7,280		7,571

SUMMARIZED DISTRIBUTION OF PAYROLLS

YEAR ENDED JUNE 30, 1953:	Chattahoochee	Arcadia	Both Hospitals
Food Service.....	\$ 257,622.20	\$ 75,892.24	\$ 333,514.44
Medical, Surgical & Psychiatric Service.....	682,924.75	93,287.86	776,212.61
General & Administrative Service.....	198,650.55	72,240.23	270,890.78
General Wards Service.....	1,016,491.61	221,215.02	1,237,706.63
Productive & Maintenance Departments.....	552,343.43	89,658.91	642,002.34
	<u>\$2,708,032.54</u>	<u>\$552,294.26</u>	<u>\$3,260,326.80</u>
YEAR ENDED JUNE 30, 1954:			
Food Service.....	\$ 285,783.74	\$ 85,682.26	\$ 371,466.00
Medical, Surgical & Psychiatric Service.....	841,911.37	103,317.09	945,228.46
General & Administrative Service.....	208,629.51	62,626.50	271,256.01
General Ward Service.....	1,124,831.73	324,146.15	1,448,977.88
Productive & Maintenance Departments.....	586,398.77	107,448.19	693,846.96
TOTAL PAYROLLS.....	<u>\$3,047,555.12</u>	<u>\$683,220.19</u>	<u>\$3,730,775.31</u>



Continued Treatment Building for Colored Men
(Completed during biennium)

MEDICAL DEPARTMENT

STAFF

W. D. Rogers, M.D.	Superintendent
J. T. Benbow, M.D.	Clinical Director
J. B. O'Connor, M.D.	Assistant Clinical Director
M. C. Sexton, M.D.	Assistant Physician
Henry Schwartz, M.D.	Assistant Physician
C. H. Denser, M.D.	Assistant Physician
H. H. Ring, M.D.	Assistant Physician
R. S. Gutsell, M.D.	Assistant Physician
W. R. Van Allen, M.D.**	Assistant Physician
R. Mosteller, M.D.	Pathologist
J. L. Boyd, M.D.**	Assistant Physician
G. E. Stevens, M.D.**	Assistant Physician
John Gumanis, M.D.	Assistant Physician
N. O. Koff, M.D.**	Assistant Physician
Samuel M. Solomon, M.D.	Assistant Physician
Mary G. Jaksch, M.D.**	Assistant Physician
Anne M. Vogt, M.D.	Assistant Physician
Harold W. Long, M.D.**	Assistant Physician
I. T. Clark, M.D.	Assistant Physician
E. L. Leonard, M.D.	Assistant Physician
J. F. Day, M.D.	Assistant Physician
James S. New, M.D.**	Assistant Physician
Robert E. Eby, M.D.**	Radiologist
A. F. Douglas, D.D.S.*	Chief Dentist
J. K. Cox, D.D.S.	Chief Dentist
J. C. Kuhn, D.D.S.**	Assistant Dentist
J. E. Griggs, D.D.S.**	Assistant Dentist
R. W. Salm, D.D.S.**	Assistant Dentist
H. H. Moyer, D.D.S.**	Assistant Dentist
C. S. Stitt, D.D.S.**	Assistant Dentist
J. H. Ross, D.D.S.**	Assistant Dentist
R. L. McCaleb, D.D.S.	Assistant Dentist
Richard Plant, D.D.S.**	Assistant Dentist
J. M. Grubb, D.D.S.**	Assistant Dentist
J. B. Read, D.D.S.**	Assistant Dentist
A. R. Smith, D.D.S.**	Assistant Dentist
C. M. Mayhall	Pharmacist

** Resigned

Jack N. Roberts**	Medical Technologist
Wm. J. Hite, Jr.	Medical Technologist
Priscilla Burdick	Medical Technologist
M. M. Brinson III**	Medical Technologist
Jane Stegall**	Medical Technologist
Florine H. Bolen**	Medical Technologist
Ann Segrest	Medical Technologist
Vernon Culverhouse	Medical Technologist
Helga Eliot	Medical Technologist
Richard Fritz	Medical Technologist
Mae Pickens	Social Service
Geraldine McAlpin	X-ray Technician
Helen Smith	X-ray Technician
Mary B. Smith	X-ray Technician
Mary Bassett**	X-ray Technician
Julian C. Davis	Psychologist
Sam Cunningham	Psychologist
Leroy Kletti	Psychologist
Dora Fulgham, R.N.	Supervisor of Nurses
Audrey Hudgens, R.N.	Assistant Supervisor of Nurses
Etelka Young, R.N.	Director, School of Nursing
Mary C. Parker	Occupational Therapist

VISITING STAFF

J. G. Lyerly, M.D.	Neurosurgeon
Robert Hutchinson, M.D.**	Orthopedist
William J. Hutchison, M.D.	Orthopedist

** Resigned

MOVEMENT OF POPULATION

On July 1, 1952, the first day of the biennial period, the patient population was 6,223. During the biennium 3,524 patients were admitted to the institution which resulted in a total of 9,747 patients treated during this period. The 3,524 patients admitted included all new admissions, returns from furlough, readmissions on former commitment, and returns from escape. Of the group of 3,524 patients 1,682 were admitted during the first half and 1,842 during the last half of the biennium. The first admissions to the institution totaled 1,331 for the first half and 1,445 for the last half of the biennium with a total of 2,776 first admissions for the biennium, an increase of 281 first admissions over that for the previous biennium. The hospital census through June 30, 1954 was 6,490, showing an increase of 263 in total in-patient population during this period.

We have had difficulty in the past two year period in admission of patients to the hospital because of lack of adequate bed space, and have, consequently,

had to keep some patients on a waiting list until such time as beds became available. This has been true especially in regard to the older age group patient and the deteriorated patients due to lack of space in areas where special nursing and custodial care can be given for this particular type of patient.

In the past biennium we have opened two new wards for colored patients with a capacity of 350 for colored men and 350 for colored women. The final part of the R. A. Gray Building was completed and opened as a Receiving and Therapy Unit for white women, and has a capacity of 124 beds. These units have aided materially in our ability to receive new patients at a faster rate. Some of the advantage, however, is offset by the fact that many of our older buildings have needed extensive repair and it has been necessary to move patients out of areas being used in order to carry out such repair work, and this factor has at times been instrumental in slowing down admission of patients.

A new wing of 100 beds for Tubercular patients is under construction at the present time, as is a new infirmary type building of 600 beds for continued care of older patients. Funds for these were appropriated during the last legislative session and these additions will aid us a great deal. Plans for another Continued Treatment building of 250 beds are under way from the above mentioned appropriation.

Replacement of some of the existing structures will, in the near future, be of prime importance due to age and the necessity for constant major repairs.

Separations from the hospital for the biennium numbered 3,257, and this figure includes furloughs, deaths, escapes, transfers to other States or institutions, and patients discharged as competent. The period from July 1, 1952 to July 1, 1953 showed 860 patients released on furlough, and the period from July 1, 1953 to July 1, 1954 showed an increased number totaling 1,005 furloughed during that year. During the period of 1952-1954, 1,069 patients were discharged by virtue of having been absent one year on furlough, and 175 were discharged from the institution as competent. 100 patients left the institution on escape, and 727 of our patients passed away during the period. During the biennium 283 patients were transferred to the branch hospital at Arcadia, Florida.

The figures in the above paragraphs show an increase in the admission rate as well as the release rates. We feel that with the passage of time, the service offered to our patients becomes better and more efficient despite the fact that there is an increasing percentage of admissions of senile and arteriosclerotic patients who require an exceptional amount of nursing and medical attention. 604 new patients of this classification were admitted this past biennium, which constituted 21.7% of the total first admissions.

In this group of mental disorders due to processes of aging, special problems arise in care and management due to the fact that a great number of these patients are bedridden or infirm upon admission to the institution. Many of these patients after staying a while in the institution are benefited by general medical treatment and usage of special type drugs to the point at which the patient is able to be up and about and possibly take care of his own per-

sonal needs to some extent. Psychiatric treatment in this group is, however, very limited because the mental disorder is the result of degenerative changes in the brain and part of the general deteriorative process of aging.

Patients in this group do not carry a favorable outlook for eventual recovery and usually remain in the institution for protracted periods of time. The increase in the number of this older age group is also reflected in the death rate of the hospital, and a review of the ages of death show the median age at death of 63.8 years for the first half of the biennium and 64.9 years for the second half of the biennium, with 64.35 years as the median for the entire biennium. The causes of death show a marked increase in deaths due to heart disease, arteriosclerosis, degenerative diseases and other diseases common to the older age group.

The death rate for the biennium was 44.7 per 1000 patients. The last half of the biennium showed a rate of 41.8 per 1000 patients as compared to 47.9 per 1000 patients for the first half of the biennium. Comparison of rates for the last fourteen years show that each year the rate is dropping and we feel this trend is an indication of the improved medical care afforded at the institution. We are, of course, still not satisfied, and new and more efficient methods are constantly being sought, introduced, and carried forward to increase the efficiency of the medical program.

In studying the types of major mental disorders admitted, it is noted that Schizophrenia (*Dementia Praecox*) and Manic Depressive Psychosis are still the most prevalent among the major psychoses. 957 new cases of Schizophrenia were admitted, which is a 10.3% increase over the last biennium. 204 new cases of the Manic Depressive group were admitted during this period, which is a decrease of 12.4% as compared with the previous biennium. The Involutional group, however, has shown a 90.6% increase with 143 new cases in the 1952-54 period as compared to 75 during the 1950-52 period.

Mental disorders due to Syphilis of the Central Nervous System, which formerly was responsible for many hospital admissions, continue to decrease with only 121 cases of such a category being admitted, which is a 9.1% decrease as compared to the 1950-52 figures.

Transfer of patients who are not legal residents of Florida to their states of residence is carried out as quickly as residence investigation and authorization from the patient's home state is received, and 45 such transfers were made during this two year period.

Transfers to Veterans Administration Facilities are carried out through liaison with State Service Officers and Veterans Regional offices. Service connected disability cases are usually taken fairly quickly if no criminal charges are pending against the individual patient veteran; however, the Veterans Administration will not accept jurisdiction if the patient is charged with criminal activity. Non-service connected patient-veterans find transfer more difficult because of overcrowding in Veterans Hospitals and there is always quite a delay between times of application for admission and time of authorization. All patients who are veterans routinely have application filed with Regional Office for transfer to a Veteran's Facility.

PROCEDURES PERTAINING TO ADMISSION AND RELEASE OF PATIENTS.

Patients are authorized for reception at this institution following commitment by the Courts. After commitment, application is filed for admission, and authorization issued as soon as a bed is available to receive the patient. Patients are then delivered by law enforcement officers, friends, or relatives if possible, or are picked up by hospital employees on the hospital bus.

Upon admission complete medical and psychiatric studies are begun, including x-ray examination, thorough laboratory testing, and psychological investigation. Assembly of all medical data with psychiatric findings is done and proper treatment recommended. This procedure usually takes about two or three weeks to complete and the patient is then seen by a diagnostic group for survey and recommendations.

Release of patients is by one of two methods—furlough to relatives or guardians, or discharge as competent following a General Staff survey of the case involved.

Furlough is for a period of twelve months. Patients released in this manner are those who have shown improvement but it is not felt they are entirely competent, or such a patient may, in the opinion of the attending physician, be in need of supervision for some time after release from the institution. It is often felt by the Staff that patients need supervision, especially in the more severe mental disorders, or in case of an individual who has been in the institution for a protracted period of time, and has been out of contact with society and changing times. These patients may return without further court procedure any time during furlough period, but if they remain out for a period of a year they are automatically discharged.

Competency discharge is not a common type of release, as we feel that many patients can be released before the readjustment of their mental processes has come to the stage of complete competency, and let the patient make his final readjustment and realignment of thinking in the familiar atmosphere of the home. Some cases, however, do stay until this stage is reached, and these are given discharge as competent after Staff review.

Discharge from the institution, either as competent or after the expiration of the furlough period, does not restore the judicial sanity of the patient, as this is a procedure for the proper Court.

MEDICAL STAFF ACTIVITY.

During the biennium twenty-three physicians were employed in full time capacity; however, at the end of the biennium the Staff numbered fifteen members. This number is grossly inadequate for the type of service we desire to render, and with the increasing number of patients admitted each year the Staff at full capacity should number at least thirty-two members. This would insure adequate and complete care of our present patient load.

The present budget has a quota of twenty-two physicians, but it has been impossible, so far, to fill budgeted positions. This is due to the great demand for psychiatrists throughout the United States which far exceeds

the supply, and also due to the fact that salaries, even with certain perquisites paid by the hospital, cannot compete with other hospitals or private practice opportunities. Housing has been a difficulty in the last two years, and this need must be adequately met to attract and hold psychiatrists. Also the isolated location of the hospital has proved a detriment to procuring personnel. Doubling up of work by some of the physicians has been necessary in order to carry out the work load. Specialists in Pathology, Surgery, Tuberculosis, and Radiology have been on the Staff to carry out the very necessary program in these fields and maintain the accreditation of the hospital.

Staff conferences are held four times each week for discussion and diagnosis of new admissions. Once each week the entire Staff meets for the consideration of patients felt well enough for the granting of a competency discharge. A pathological conference is held once each month to review deaths occurring in the institution. Conferences and clinics are held frequently throughout the year in conjunction with schools of Psychology and Social Work throughout the State. These are part of teaching programs in various colleges and universities, and are held as often as possible upon request of the individual department.

It is the desire of the Staff to expand treatment programs and make new diagnostic and therapeutic procedures available as quickly as possible to our patients. However, to do this it will be necessary to expand the Staff considerably and decrease the case load of individual physicians so that more time can be given to individual cases.

GENERAL HOSPITAL DIVISION

This division of the hospital is composed of the receiving wards, medical and surgical wards, and the tubercular facility, a total of 852 beds. The division is very well equipped and includes a surgical section of two operating rooms, with sterilizing and work facilities, and emergency and fracture rooms. An X-Ray Department with facilities for deep x-ray and diagnostic work is available, and a cystoscopic room with x-ray facility is combined in this department. The present diagnostic unit is quite old and in need of replacement as it is operating beyond capacity at present and in order to take care of ever increasing patient load will of necessity have to be replaced in the near future.

The medical and surgical ward services include a total of 215 beds which handle the load of work in this branch quite well for the white female and male services. Colored medical and surgical patients are handled in their respective receiving hospitals. In these wards almost any type of medical and surgical procedure may be carried out by the Staff, and we believe our patients receive medical and surgical care equal to any general hospital in the region.

The receiving and active therapy services are composed of 176 beds for white men, 124 beds for white women, 34 beds for colored women and 36 beds for colored men. Into these sections all patients are admitted to the institution, given thorough medical and psychiatric examinations and treatment begun. Various forms of shock therapy are instituted in certain parts of these wards as part of an active therapy program. After the initial ther-

apeutic phase is carried out patients are moved to continued treatment wards or to convalescent wards. This part of the institution is in need of expansion especially on the colored division due to the fact that here new patients must be housed in and among chronically ill patients being treated for physical ailments. We hope in the near future to be able to expand this portion of the service.

Adequate space for patients afflicted with mental illness is being recognized more and more as a vital factor in the promotion of recovery for the patient. It is impossible for a person who is emotionally upset to become calm, relaxed and stable in an atmosphere of crowding and confusion. Therefore it is imperative that such crowding and confusion be avoided on the receiving ward, and especially the therapy wards in order for a patient to be able to become emotionally stable. Expansion in our therapy wards will, we believe, be necessary in order to handle the increasing patient load in an efficient manner. This expansion is not directed toward enlarging the institution, but toward better utilization of potentials and toward a more rapid recovery time.

We also have a fairly large tubercular service at the institution with 158 beds for white patients and 109 beds for colored patients. In this section the modern drug therapies are being utilized to the greatest possible extent. A new wing is under construction at present to add 100 beds to the tubercular service which will house the colored patients who at present are being cared for in a quite inadequate building which is in a bad state of repair.

A very adequate pharmacy completes this section of the hospital, and we have been able to keep a complete stock of drugs of all types during the biennium.

HEALTH

During the biennium we have been fortunate in having no epidemics of infectious or contagious diseases. All patients and new employees are inoculated for typhoid and vaccinated against small-pox. Constant check of the water supply, milk, and food handlers is, we feel, essential to continued well being of patients and personnel.

One physician devotes the greater portion of his time to personnel health problems and all new employees are surveyed completely before employment.

NURSING SERVICE IN THE GENERAL HOSPITAL DEPARTMENT.

As mentioned elsewhere in this report, the General Hospital Division includes 852 beds, and covers the receiving, medical, and surgical wards, and the tubercular units. This unit is staffed by a competent nursing service, and all wards are covered by graduate nurse supervisors. Much of the general ward duties must, of necessity, be delegated to attendants and aides, and we have been fortunate in having a very good group of such personnel in this department. We also utilize the students who are in the affiliation and basic programs in nursing.

At the end of the biennium we had in this service area a staff consisting of one Director of Nurses, one Assistant Director of Nurses, thirty Registered Nurse Supervisors, seven registered Nurses on general duty, three record clerks, two Receptionists, one-hundred-twenty Orderlies, seventy-six Nurses' Aides, and fifty-seven Maids.

SURGERY

During the preceding two year period the surgical service has been available quite extensively to our patient population and many emergency and elective surgical procedures have been performed which have contributed materially to the betterment of physical health of the patients and personnel. The operative mortality and post-operative infection rate continues below the accepted levels set by the American College of Surgeons.

The institution has the benefit of services of Doctor J. G. Lyerly of Jacksonville, neurosurgeon, who comes once each month for consultation in neurological problems, and to perform necessary neurosurgical procedures. We also have Doctor William J. Hutchison of Tallahassee, orthopedic surgeon, on the consulting staff who makes visits weekly to the institution to see patients in this specialty field.

We hope in the near future to add consultants in chest surgery and urology, and to expand our services greatly in this direction.

The surgical department also includes the emergency room service, where multitudinous minor operations are performed and treatments given, and acts as a central supply agency for all sterile supplies for the institution.

MAJOR OPERATIONS		MINOR OPERATIONS	
Gynecological	69	Urological	100
General Abdominal	127	Gynecological	141
Orthopedic	40	Orthopedics	192
Neurosurgical	34	Other Operations & Procedure	3641
Mastectomies, Radical	5	Blood Transfusions	97
Thyroidectomies	4	Treatments Given	9769
Urological & Others	10	Immunizations	4917
STERILE TRAYS PREPARED		10,938	

X-RAY

An expanding program of work has been done in this department since the staff has been enlarged by the employment of a specialist in Radiology. X-ray and radium treatments are now available again to our patients and special diagnostic techniques for more adequate diagnosis are being used extensively. Replacement of an antiquated diagnostic unit, as mentioned

earlier in this report is a necessity and will greatly facilitate the program. A breakdown of procedures of the department follows;

X-Rays	14,076
G I Series	145
Barium Enema	76
Diathermy	325
Infra-Red	290
Ultra-Violet	117
Electro Cardiographs	177
Fluoroscope Examinations	20
Deep X-Ray Treatments	384

SHOCK THERAPY

During the past two years electro shock has continued to be the chief acute therapeutic modality. During this period 40,910 electroshock treatments were given to 1,871 different patients. Insulin shock is used in very selected cases after careful workup and consultation, with 92 patients receiving 2,932 treatments.

Electroshock programs are carried out in several areas of the institution in order to offer a wider usage of this type of therapy and constant expansion of this service is going on in order to benefit a greater number of patients.

Insulin shock is reserved for the acute therapy ward units because of the highly specialized nature of the treatment and the need for specially trained technical assistants.

CLINICAL LABORATORY

The Clinical Laboratory is under the direction of a full-time pathologist and is staffed with six medical technologists. It is approved by the Society of Clinical Pathologists and Board of Basic Sciences for the training of Medical Technologists.

The past biennium has shown a marked increase in the number of more intricate laboratory tests performed. Every effort is made to stay abreast with new procedures that have evolved from continued research.

The Pathologist and Chief Technologist devote some 160 hours in teaching Pathology and the Physical Sciences in the School of Nursing.

There were 273 post-mortem examinations performed which is 37% of all the deaths.

The following is a list of the tests performed by the various departments:

Bacteriology	20,897
Serology	20,187
Chemistry	26,611
Hematology	20,409
Parasitology & Urinalysis	45,612
Pathology	
Autopsies	273
Tissue Examinations	3,602
Total	127,591

PSYCHOLOGY DEPARTMENT

The Psychology Department affords psychological evaluation to all patients referred by their attending physicians. During the biennium the number of patients referred has shown an increase from about seventy-five per month in 1952 to an average of 140 per month in 1954. Not only has the number of patients increased but the amount of time spent with each patient has become much greater as a consequence of additional, new, and improved procedures.

Research has necessarily occupied a minor role because of the existing demand for service to patients. This fact notwithstanding, particular attention has been given to the evaluation of child molesters. A mass of material has been collected which may help in furnishing some objective criteria for effective handling of the problem created by sex deviates. Also, this department has been asked by the Princeton University Department of Psychology to cooperate in standardizing the Tomkins-Horn Picture Arrangement Test. The results may correlate responses with significant features of mental illness.

As a secondary function some 475 hours of instruction were contributed by psychologists to teaching psychology courses in the School of Nursing Education.

Plans for 1954 call for a staff of three psychologists augmented later in the year by two intern psychologists from the graduate school of the Florida State University. The estimated cost of operation for the coming year will be approximately nine times the amount expended when the department was re-opened with a single psychologist in 1946.

SOCIAL SERVICE

During the past biennium we have had the benefit of a trained social worker who has been a great help in duties of the social work type. It has been the responsibility of this department to aid in the obtaining of social histories and information concerning patients prior to their coming to the institution, and to aid in the establishment of the residence of patients who are

committed here, but are residents of other states. We have been able to transfer a number of patients during the last two years as results of such investigations.

Veteran's affairs have been handled, for the most part, by the Social Service Department and application forms are routinely sent to all patients who are veterans for admission to a Veterans' Facility.

Plans are under way for affiliation with Florida State University, School of Social Work, in order that we may participate in their training program, and both the University and the Florida State Hospital will benefit, it is felt.

We are hoping also to employ a psychiatrically trained social worker in the very near future to more adequately carry out the program of the institution, and aid in the training program which is being planned.

PHARMACY

This service is in charge of a registered pharmacist, and we have throughout the years maintained a complete stock of drugs and biologicals, enabling us to properly care for the needs of our patients.

The inventory, as of necessity, is considerable during the past few years, but we have noted a marked shortening of stay in the hospital sick wards of our patients because of the ability to furnish adequate medication.

Drugs are dispensed daily to the wards on prescription and departmental transfer.

DENTAL SERVICE

During the biennium of 1952-54 the Dental Service in this institution has been rendered by one Chief Dentist and five dental interns. Five dental assistants, one record clerk, and three laboratory technicians complete the staff.

On February 1, 1953 Doctor A. F. Douglas, Chief Dentist, retired because of poor health. On March 1, 1954 Doctor John K. Cox assumed the duties as Chief Dentist, having come to us from St. Petersburg where he had been in private practice. Prior to going to St. Petersburg Doctor Cox had been a member of the College of Dentistry at Ohio State University, and had practiced for eight years in Steubenville, Ohio.

As can be seen by the table which follows this report, a great deal of work has been accomplished in the department during the biennium.

There have also been a number of physical improvements made during the period, such as installation of water coolers and fountains in several places, a new cooling system in the x-ray section, installation of oil sterilizers, cabinets, and an enlargement of the dental library.

Examinations	4,002
Re-examinations	15,138
Extractions	6,463
Orthodontic Appliances Placed	2
Alveolectomies	121

Fracture Treatments	41
Prophylactic Treatments	4,345
Palliative Treatments	658
Observations and Post Operative Treatments	13,429
Root Canal Treatments	69
Denture Preparations and Adjustments	6,222
Denture Deliveries	1,105
Bridge Preparations and Adjustments	616
Bridge Deliveries	153
Crown Preparations and Adjustments	352
Crown Deliveries	154
Denture Repairs	910
Bridge Repairs	115
Filling and Inlay Preparations	2,646
Fillings (all types)	5,600
Radiographs	4,012
Hospital and Ward Visits	1,206
Total Patients Seen	61,514
Total Operations	73,971

OCCUPATIONAL THERAPY

Medically prescribed Occupational Therapy plays an indispensable role in the treatment of mental patients. The ward physician prescribes the treatments, the therapist receives the prescription, selects the suitable activity to get the desired results, keeps records of the relations and progress of the patients, and sends monthly reports to the physicians. Occupational therapy works as an adjunctive therapy under the physician's guidance and with other therapists in the resocialization and rehabilitation of the patients.

Our occupational therapy department conducted along scientific lines under the direction of a registered occupational therapist, was re-established three and one-half years ago. This work has been gradually expanded until it served 1252 men and women patients during the biennial period of 1952-1954. 1114 of these patients have shown definite improvement and 366 who have taken part in the program have returned home. The department has grown to six occupational therapy class rooms and one beauty parlor. The staff includes one O. T. R. director, one music therapist, one arts and craft instructor, one cooking instructor, four O. T. workers, and one licensed beautician.

The crafts which are used as treatment include leather tooling, basketry, loom weaving, painting and designing, knotted belts, wood work, wood carving, braid weaving, hooked rugs, knitting, crocheting, embroidery, ceramics, shell craft, cooking, and many others.

The occupational therapy director gives instruction in occupational therapy to the student nurses as a regular course in their curriculum. 12 lectures and 96 occupational therapy craft classes were held for the students during the past two years.

Various volunteer groups have contributed immeasurably to the happiness and welfare of our patients and we have been grateful for their interest and cooperation.

The Chattahoochee Garden Club and District No. 2 sponsored a successful garden therapy program for the patients. Various club members conduct monthly meetings for interested patients and have been hostess for two Christmas parties and two summer picnics with 1,200 patients enjoying these functions.

The Florida Women's Medical Auxiliary donated the money to completely equip a two chair beauty parlor in the women's reception building. During the six months period the beauty parlor has been in operation 1,036 patients have been served.

The Chattahoochee Methodist and Baptist Churches sponsored 24 monthly birthday parties for 1,440 patients; and the Quincy Episcopal Church sponsored 48 Episcopal services and two Christmas parties for 1,474 patients.

The Chattahoochee Senior Women's Club sponsored a Christmas party for 76 patients at the Amos Infirmary. Thousands of Christmas gifts and craft materials are sent to the hospital by various chapters of the Beta Sigma Phi Sorority, and the Florida Federation of Women's Clubs, the Pilot Club, individuals and other organizations, for the benefit of our patients. The Florida Pilot Club donated a television set for the Tuberculosis Building, and it is enjoyed by the patients in that area. Special Christmas parties were given for the veteran-patients of the hospital, sponsored by the Units of District 2 of the American Legion Auxiliary, at which time refreshments were served and cigarettes were distributed. These cigarettes were donated by the Department of Florida, American Legion Auxiliary, and were received by 307 patients.

SCHOOL OF NURSING EDUCATION

The School of Nursing Education has demonstrated progress during the period July 1, 1952 to June 30, 1954, and with the addition of the new White Female Receiving Service the clinical facilities have been expanded, and the required class room instruction has been maintained.

The following hospitals were affiliated with us for Psychiatric Nursing during this period:

Good Samaritan Hospital, West Palm Beach, Florida

St. Mary's Hospital, West Palm Beach, Florida

St. Luke's Hospital, Jacksonville, Florida

Riverside Hospital, Jacksonville, Florida

Alachua General Hospital, Gainesville, Florida

Florida State University, Tallahassee, Florida

Mound Park Hospital, St. Petersburg, Florida

Frasier-Ellis Hospital, Dothan, Alabama
 Lutheran Hospital, Vicksburg, Mississippi
 Laurel General Hospital, Laurel, Mississippi
 Natchez General Hospital, Natchez, Mississippi
 Rush Memorial Hospital, Meridian, Mississippi
 Greenwood LeFlore Hospital, Greenwood, Mississippi
 Anderson Infirmary, Meridian, Mississippi
 Matty Hersee Hospital, Meridian, Mississippi
 Grenada Hospital, Grenada, Mississippi
 South Mississippi Charity Hospital, Laurel, Mississippi

Our basic students are continuing to affiliate with Charity Hospital, New Orleans, and with Georgia Baptist Hospital, Atlanta, for pediatrics, obstetrics, communicable diseases and supplementary surgery.

Mrs. Etelka W. Young, who had been Director of the School of Nursing for twelve years retired at the end of this biennium.

We are attempting to improve teaching facilities and techniques to meet the standards set by the State Board of Nursing Examiners, and hope in the near future to have more nearly attained those standards.

Basic School enrollment — July 1, 1952	42
Number admitted during the biennium	54
Number graduated during the biennium	37
Enrollment on June 30, 1954	43
Accepted for Fall Class 1954	40
Number of affiliates enrolled June 30, 1954	42
Number of affiliates during the biennium	236
Number of affiliates completed course during the past biennium	233

RECREATIONAL THERAPY

The activities of the Recreation Department consist of the continuation of the plans and activities of the previous two year period, with some gradual improvements and a few new activities.

Of the ancillary therapies, recreation has a unique position. It is unique in that it encompasses the best of the therapeutic ingredients, the human touch. There is a disarming, impersonal method which invites participation. The patient tends to move out of his small realm of security because the therapy kindles motivation and lessens fear and apprehension. Our present active operating program includes:

- (1) Large Group Social Activities: This consists of patients who are capable of attending activities in our beautiful Recreation Therapy Build-

ing and on the Athletic Field. We provide once each week a thirty-five M. M. movie, square dance music by the hospital string band, and round dance music provided by the hospital orchestra. This group has also enjoyed several social parties and other outside entertainments by civic clubs. At various times they are taken to the Athletic Field where they enjoy ball games, circus activities, and other sports events.

- (2) Instructional Group: This embraces courses in musical therapy, leading of bands, marching and singing. Suitable games to re-educate and develop coordination are taught. Classes in square dancing, table games, group work and other social activities are conducted.
- (3) Inter-ward programs have been developed especially for those patients who, because of infirmities, must spend much of their time on the wards. Reading, indoor games, radio, record players, and 16 M. M. motion pictures are the main source of recreation for these patients. We have added during this biennial period two television sets and five radios for the enjoyment of this group.
- (4) Indoor and outdoor games in which patients participate are shuffleboard, softball, badminton, horseshoes, basketball, ping pong, volleyball, croquet, pool, card games, tournament and chinese checkers, and others. Once each month there is a round and square dance given for the employees and music is furnished by our hospital orchestra.

During the biennium six pianos have been purchased and placed on wards for the enjoyment of the patients. One of these to be used in our musical activities is in the Recreational Therapy Building. With the cooperation of the entire personnel, as we have had in the past, we hope to make more forward movement in providing recreation for the patients. Our patients look forward with anticipation to our recreational activities and a large percentage participate.

EASTERN STAR LIBRARY

The library staff consists of a librarian and a group of thirteen patients who engage in this activity as a form of occupational therapy.

The Library has benefited materially from the generous contributions of clubs and individuals in the matter of periodicals and books donated, and the patient population has enjoyed the privilege of using reading material which has been made available. The hospital has also purchased a substantial number of periodicals by subscription which have been widely used by our patients.

Repair of books and binding of periodicals has been an important function of this group and has helped materially in the preservation of our circulating library as well as our scientific libraries.

Tabulated below is the report for the biennium:

Report of Books:

Number of books received	7,457
Number of books circulated	24,636

Report of Magazines:

Number of magazines donated	54,516
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Number of magazines purchased	1,010
Number of magazines circulated	59,550
Number of books repaired	5,599
Number of books in Library at the end of biennium ..	13,030

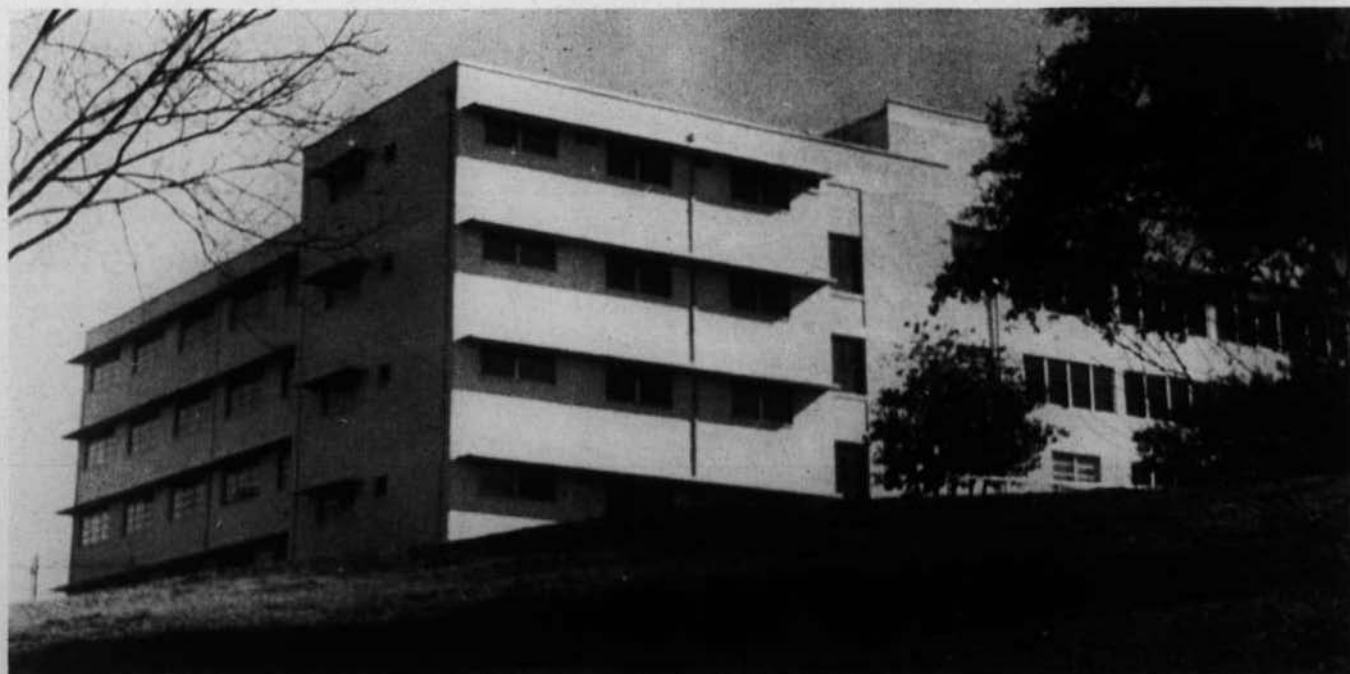
CHAPLAINCY

The work of the Chaplain is a significant duty. In his services the patients find the sympathetic understanding and consolation which the church offers, and are given every opportunity to carry on their religious interests while in the hospital.

Each Sunday morning a service is conducted for the benefit of the patients. It is on a voluntary basis, and is attended by a large number. The patients take active parts in this service. The trained choir, the talented soloists and instrumentalists make the chapel service one of unusual quality.

Additional services are conducted regularly by the Roman Catholic and Episcopal churches, and occasionally other denominations hold services for those patients who are interested. The colored patients have their own minister and services.

Other responsibilities of the Chaplain are interviewing patients upon request, visiting the critically ill, conducting funerals, and writing letters of condolence.



ADDITION TO CONTINUED TREATMENT BUILDING FOR
COLORED WOMEN

(Completed during biennium)

ADMISSIONS TO THE HOSPITAL DURING THE FISCAL YEAR 1952-1953

	PATIENTS IN HOSPITAL	Admitted on Commitment	Returned from Furlough	Returned from Escape	Readmitted on Former Commitment	Committed by Criminal Court of Record	Committed by Court of Record	Admitted by authority of the Board from Boys' Ind. School for Obs.	Committed by Circuit Court	Sent here from Arcadia	Committed by Criminal Court of Record and County Court	Sent here from Florida Farm Colony	Returned from furlough on new Commitment	Committed by County Court and Circuit Court	Admitted by Birth
July.....	6,223	100	26	3	10	1	1	1	3	.....	.....	.....	.....	.....	.....
August.....	6,238	102	18	3	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1
September.....	6,249	105	19	2	4	1	.....	.....	2	.....	.....	.....	.....	.....	1
October.....	6,289	104	20	5	2	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
November.....	6,296	94	15	5	2	2	.....	.....	1	2	.....	.....	.....	.....	2
December.....	6,310	109	31	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
January.....	6,333	98	22	1	2	2	.....	.....	4	.....	.....	.....	.....	.....	1
February.....	6,355	110	14	1	5	3	.....	.....	1	.....	1	.....	.....	.....	.....
March.....	6,392	109	26	1	7	3	.....	.....	.....	.....	.....	1	1	.....	.....
April.....	6,416	115	24	6	3	1	1	.....	.....	.....	.....	1	1	1	1
May.....	6,449	115	26	2	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
June.....	6,463	122	20	5	3	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
	1,283	261	38	50	15	2	1	16	2	1	2	2	1	8	

ADMISSIONS TO THE HOSPITAL DURING THE FISCAL YEAR 1953-1954

	PATIENTS IN HOSPITAL	Admitted on Commitment	Returned from Furlough	Returned from Escape	Readmitted on Former Commitment	Committed by Criminal Court of Record	Committed by Court of Record	Committed by Circuit Court	Sent here from Arcadia	Returned from Furlough on New Commitment	Admitted by Order of Circuit Court for Observation and Examination	Admitted for Observation and Examination	Admitted by authority of the Board for Observation and Treatment	Admitted by Birth
July.....	6,479	124	33	6	1	5								
August.....	6,467	114	21	6	1	2	1		1					
September.....	6,440	117	25	1	5	1		2		2				1
October.....	6,445	115	19	2	1	3			1					1
November.....	6,449	107	13	1	6	1	2	2	1		1			
December.....	6,391	114	26	3	2	4		1		1				1
January.....	6,387	99	36	4	4				1					1
February.....	6,409	98	28	2	3	2	1	1		1				1
March.....	6,430	133	27		2	1		2	6			1		1
April.....	6,479	99	20	1	3			3		1				
May.....	6,474	129	40	1	5	6			1					
June.....	6,485	125	39	1	3	4		2	3	1			2	1
		1,374	327	28	36	29	4	13	14	6	1	1	2	7

SEPARATIONS FROM THE HOSPITAL DURING THE FISCAL YEAR 1952-1953

	Furlough	Discharged	Died	Escaped	Transferred to Arcadia	Babies sent home	Transferred to Veterans' Hospital	Transferred to Other States	Discharged—returned to Florida Industrial School for Boys	Babies Dying	Deported to South America	Discharged—returned to State Prison, Raiford	Escaped with Husband	REMAINING
July.....	74	9	38	3	.....	1	2	3	.....	.....	.....	.....	.....	6,238
August.....	72	6	32	5	.....	.....	.....	2	.....	.....	.....	.....	.....	6,249
September.....	57	3	24	5	.....	1	3	1	.....	.....	.....	.....	.....	6,289
October.....	84	9	24	5	.....	1	2	1	1	.....	.....	.....	.....	6,296
November.....	60	14	25	6	1	.....	.....	.....	.....	2	1	.....	.....	6,310
December.....	85	3	27	2	.....	2	3	2	.....	.....	.....	1	1	6,333
January.....	43	4	52	5	.....	.....	.....	4	.....	.....	.....	.....	.....	6,355
February.....	58	2	33	2	.....	1	1	2	.....	.....	.....	.....	.....	6,392
March.....	95	5	19	2	.....	.....	.....	3	.....	.....	.....	.....	.....	6,416
April.....	70	10	34	4	.....	1	1	.....	.....	.....	.....	.....	.....	6,449
May.....	81	6	39	5	.....	.....	2	3	.....	.....	.....	.....	.....	6,463
June.....	81	8	32	11	.....	.....	2	2	.....	.....	.....	.....	.....	6,479
	860	79*	379	5	1	7	16	23	1	2	1	1	1	

*513 discharged while on furlough
10 discharged while on escape

SEPARATIONS FROM THE HOSPITAL DURING THE FISCAL YEAR 1953-1954

	Furloughed	Discharged	Died	Escaped	Transferred to Arcadia	Babies sent home	Transferred to Veterans' Hospital	Transferred to Other States	Transferred to Florida Farm Colony	Discharged to Circuit Court	Discharged—returned to State Prison, Raiford, having been admitted for Observation and Treatment	REMAINING
July.....	91	7	28	5	48	.....	2	.....	.....	.....	.....	6,467
August.....	85	8	29	8	40	.....	.....	3	.....	.....	.....	6,440
September.....	67	11	26	1	42	.....	.....	2	.....	.....	.....	6,445
October.....	90	10	26	4	.....	2	4	1	1	.....	.....	6,449
November.....	82	5	23	4	72	.....	3	3	.....	.....	.....	6,391
December.....	85	5	32	6	24	.....	4	.....	.....	.....	.....	6,387
January.....	61	6	34	5	15	2	1	2	.....	.....	.....	6,406
February.....	69	2	33	4	.....	.....	2	2	.....	1	.....	6,430
March.....	71	10	33	2	3	2	2	1	.....	.....	.....	6,479
April.....	74	7	24	2	15	.....	5	5	.....	.....	.....	6,474
May.....	126	12	27	2	.....	.....	1	2	.....	.....	1	6,485
June.....	104	13	33	2	23	.....	.....	1	.....	.....	.....	6,490
	1,005	96*	348	45	282	6	24	22	1	1	1	

*556 discharged while on furlough
7 discharged while on escape

ADMISSIONS BY COUNTIES

	July 1, 1952 through June 30, 1953					July 1, 1953 through June 30, 1954				
	WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
Alachua.....	9	6	2	4	21	9	8	4	2	23
Baker.....	1	1	0	0	2	1	1	1	0	3
Bay.....	13	14	1	3	31	13	9	3	0	25
Bradford.....	3	1	0	3	7	5	6	0	0	11
Brevard.....	3	8	2	0	13	5	10	3	1	19
Broward.....	14	6	4	5	29	19	9	4	3	35
Calhoun.....	7	3	0	0	10	7	4	0	0	11
Charlotte.....	1	1	0	2	4	2	2	0	2	6
Citrus.....	4	2	0	0	6	3	1	0	2	6
Clay.....	3	3	1	0	7	2	3	0	0	5
Collier.....	1	4	3	2	10	0	2	2	1	5
Columbia.....	8	5	0	1	14	2	7	0	3	12
Dade.....	65	78	11	22	176	60	79	16	17	172
DeSoto.....	0	1	1	2	4	0	1	0	0	1
Dixie.....	0	0	0	0	0	0	1	0	0	1
Duval.....	44	58	17	32	151	42	44	24	20	130
Escambia.....	22	24	4	7	57	40	28	8	9	85
Flagler.....	0	0	0	0	0	2	2	1	0	5
Franklin.....	2	1	0	0	3	0	0	0	0	0
Gadsden.....	3	5	7	8	23	2	6	7	12	27
Gilchrist.....	1	1	0	0	2	1	0	0	0	1
Glades.....	0	0	0	0	0	1	1	0	0	2
Gulf.....	1	2	0	1	4	4	7	1	0	12
Hamilton.....	2	2	3	1	8	2	1	2	1	6
Hardee.....	3	3	0	0	6	4	1	0	0	5
Hendry.....	3	1	1	0	5	2	4	1	0	7
Hernando.....	0	4	0	0	4	2	3	1	0	6
Highlands.....	4	2	1	1	8	2	4	2	0	8
Hillsborough.....	42	56	8	13	119	33	54	8	19	114
Holmes.....	4	4	1	0	9	3	4	2	0	9
Indian River.....	0	4	1	1	6	0	3	0	3	6
Jackson.....	17	9	2	10	38	18	9	3	5	35
Jefferson.....	5	3	4	1	13	4	1	1	1	7
LaFayette.....	4	0	0	0	4	1	2	1	2	6
Lake.....	8	8	0	2	18	8	7	5	3	23
Lee.....	6	4	2	1	13	6	7	3	2	18
Leon.....	8	8	7	9	32	16	21	7	11	55
Levy.....	5	0	0	0	5	4	5	1	1	11
Liberty.....	0	0	0	1	1	3	1	0	0	4
Madison.....	3	4	5	5	17	3	5	2	2	12
Manatee.....	9	12	3	1	25	12	7	5	5	29
Marion.....	4	10	2	2	18	13	6	3	3	25
Martin.....	0	0	1	0	1	1	1	0	0	2
Monroe.....	1	2	1	2	6	4	5	4	2	15
Nassau.....	0	0	3	2	5	0	2	1	0	3
Okaloosa.....	9	2	0	2	13	21	11	1	0	33
Okeechobee.....	0	0	0	0	0	0	1	0	1	2
Orange.....	26	26	9	11	72	31	23	12	11	77
Osceola.....	4	1	1	0	6	2	0	2	0	4
Palm Beach.....	27	19	12	6	64	11	17	14	9	51
Pasco.....	2	2	0	0	4	5	9	0	0	14
Pinellas.....	11	25	4	5	45	17	27	7	5	56
Polk.....	21	24	3	10	58	18	20	5	10	53
Putnam.....	5	8	4	5	22	3	3	2	1	9
Santa Rosa.....	4	4	0	0	8	4	2	0	0	6
Sarasota.....	5	8	2	0	15	4	4	0	1	9
Seminole.....	2	3	1	2	8	5	7	3	3	18
St. Johns.....	6	8	3	1	18	5	5	0	4	14

ADMISSION BY COUNTIES (Continued)

	July 1, 1952 through June 30, 1953					July 1, 1953 through June 30, 1954				
	WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
St. Lucie.....	0	3	2	3	8	1	1	0	1	3
Sumter.....	3	1	0	0	4	5	4	0	1	10
Suwannee.....	8	8	3	1	20	6	7	5	2	20
Taylor.....	3	1	0	2	6	1	4	2	0	7
Union.....	6	1	0	0	7	5	2	4	0	11
Volusia.....	12	15	6	11	44	18	22	5	4	49
Wakulla.....	0	1	1	1	3	3	1	1	1	6
Walton.....	1	5	1	2	9	4	6	2	0	12
Washington.....	7	5	0	0	12	10	3	0	1	14
Totals	495	530	150	206	1,381	540	563	191	187	1,481

DEATH RATE AT THE FLORIDA STATE HOSPITAL OVER A PERIOD OF FOURTEEN YEARS

Fiscal Year	Patients Treated During Year	Deaths During Year	Death Rate per 1,000 Patients
1953-54.....	8,321	348	41.8
1952-53.....	7,905	379	47.9
1951-52.....	7,649	393	51.3
1950-51.....	7,318	335	45.7
1949-50.....	7,035	391	55.5
1948-49.....	6,449	348	53.9
1947-48.....	6,526	385	59.0
1946-47.....	6,494	411	63.3
1945-46.....	6,548	400	61.0
1944-45.....	6,405	402	62.7
1943-44.....	6,432	451	70.1
1942-43.....	6,350	380	59.7
1941-42.....	6,184	310	50.1
1940-41.....	5,810	328	56.4

PSYCHOSES OF ADMISSIONS

July 1, 1952 through June 30, 1953						July 1, 1953 through June 30, 1954				
	WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
ACUTE BRAIN SYNDROME ASSOCIATED WITH:										
1.						3	1	4	3	11
2.						1				1
3.										
4.										
5.						4	1	4	3	12
TOTAL ACUTE BRAIN SYNDROMES										
CHRONIC BRAIN SYNDROMES ASSOCIATED WITH:										
6.								2		2
7.	8	4	10	10	32	21	5	19	12	57
8.	4	6	14	1	25	5	1	1		7
9.	4				4					
10.		1	3	1	5			1		1
11.	40	8	6		54	34	5	5	1	45
12.	6	5		1	12	1	2			3
13.						5	1	1	2	9
14.	10	1	3		14	5	2			7
15.	87	83	23	29	222	93	142	33	27	295
16.	10		2	1	13	5	1	2	3	11
17.	8	17	10	7	42	20	23	1	3	47
18.	10	32	1	2	45	17	1			18
19.	2	3			5	1	3			4
20.						4				4
21.	18				18	4		1	1	6
22.	4				4					
23.										
TOTAL CHRONIC BRAIN SYNDROMES										
	211	160	72	52	495	215	186	66	49	516

PSYCHOSES OF ADMISSIONS (Continued)

		July 1, 1952 through June 30, 1953					July 1, 1953 through June 30, 1954				
		WM	WW	CM	CW	Total	WM	WW	CM	CW	Total
PSYCHOTIC DISORDERS:											
24.	Involuntional psychotic reaction.....	11	36		11	58	9	58	2	16	85
25.	Manic-depressive reaction.....	38	52	5	14	109	33	41	2	19	95
26.	Psychotic depressive reaction.....		1			1		3			3
27.	Schizophrenic reactions.....	168	202	47	80	497	148	176	62	74	460
28.	Paranoid reactions.....	7	12			19	3	1		1	5
29.	Other.....	15				15					
30.	TOTAL PSYCHOTIC DISORDERS.....	239	303	52	105	699	193	279	66	110	648
31.	PSYCHOPHYSIOLOGICAL AUTONOMIC AND VISCERAL DISORDERS										
32.	PSYCHONEUROTIC REACTIONS.....	1	4	2	1	8	13	3			16
PERSONALITY DISORDERS:											
33.	Personality pattern disturbance.....		11			11	3				3
34.	Personality trait disturbance.....						17		1		18
35.	Antisocial reaction.....	2			1	3	8	5	3	3	19
36.	Dyssocial reaction.....	2			1	3	8	1			9
37.	Sexual deviation.....						5				5
38.	Alcoholism (addiction).....		2			2	2	13	1		16
39.	Drug addiction.....							3			3
40.	Special symptom reaction.....										
41.	TOTAL PERSONALITY DISORDERS.....	4	13		2	19	43	25	5	3	76
42.	TRANSIENT SITUATIONAL PERSONALITY DISTURBANCE.....						1		1		2
43.	MENTAL DEFICIENCY.....	40	31	5	12	88	35	29	2	18	84
44.	MENTAL DISORDER, UNDIAGNOSED.....		14	19	34	67	36	39	47	2	124
45.	WITHOUT MENTAL DISORDER.....		5			5		4		2	6
46.	GRAND TOTAL.....	495	530	150	206	1,381	540	563	191	187	1,481

FOOD SERVICES

The enormous task of preparing and serving meals to the patients and personnel of this large institution is handled through five main food service departments. These departments serve around 22,500 meals per day, including many special diets. Since the cost of meals represents about 42½% of our net general operating expense, good economy is essential. At the same time we must supply meals that are palatable and well balanced to ensure that our patients receive proper nourishment so vital to good physical health and contentment. Menus must be sufficiently varied in order that meals may be appetizing and nutritious.

THE GENERAL KITCHEN is the largest of our food handling departments, preparing and serving around 18,500 meals per day to patients of the general ward departments and to personnel of the various service departments of the institution. This branch of our food service, operated under the supervision of an experienced steward, has a large bakery, which provides bread for the entire institution, and a meat market serving the other smaller kitchens of the institution.

Several notable improvements have been made in this department during the biennium. The old worn floors have been replaced with quarry tile and wainscot of tile installed around the walls in the kitchen area. Canopies have been installed over the large steam kettles, greatly reducing the temperature in the cooking area. Two new units have been added in the refrigeration section, where meats and other perishable items are stored. A new diet pantry has been added and new garbage and trash rooms constructed. Food is served cafeteria style, ensuring hot meals. This method of serving has proved most efficient and has been well accepted by the patients.

THE GRAY KITCHEN, which is connected with and serves the two receiving units for white patients, prepared an average of 950 meals per day for patients and hospital personnel of these buildings. While some individual feeding is necessary, the majority of the patients are ambulatory and can take their meals in dining rooms provided in this area. This food service is also under the supervision of the steward of our general kitchen.

Our **DIET KITCHEN**, serving the general hospital section of the institution, is under the supervision of a registered dietitian. This kitchen is charged with the preparation of a large number of special diets for patients who are under treatment for various illnesses requiring dietary control, and is equipped for the the preparation of all such diets as may be indicated. Approximately 1,440 meals are served from this kitchen each day.

The **AMOS KITCHEN**, serving the Amos Infirmary, prepared some 1,200 meals per day for patients and personnel of that building. The patients in this building are not physically able to go to a general dining room for their meals, due to their infirmities. Food is transported to various serving rooms in electrically heated food carts, then distributed to patients in their day rooms or at the bedside. Many of the patients in this group must be individually fed by attendants. Special diets are provided where required for medical reasons and extra nourishment furnished between meals. An experienced steward is in charge of this particular branch of our food service.

The TUBERCULAR HOSPITAL KITCHEN is especially set up to prepare meals for our tubercular units and prepared approximately 460 meals per day. Special menus are necessary for this group of patients, who require greater caloric intake and special types of food in many instances in order to adequately take care of their particular needs and to aid in the treatment of their tubercular state. This kitchen is operating at maximum capacity and will be supplemented by a new kitchen incorporated in the new wing being added to the tuberculous section of the hospital.

CONSTRUCTION DEPARTMENT

This department is charged with the structural upkeep of all hospital buildings, including repairs ranging from those of a minor nature to major projects, comprising complete renovation of existing buildings. Some new construction, involving small buildings and additions, is also performed by this department where practical, and to the best interest of the state. Listed below are the principal new additions and major repair projects completed, or in progress, by our construction forces during the biennium:

Dining hall completely rebuilt for prison work camp on farm
New sick bay and confinement cells for prison work camp on farm
New watch towers (3) for prison work camp on farm
New sewage disposal plant for prison work camp on farm
Guards' quarters rebuilt for prison work camp on farm
New staff residences (6) - approximately 50% completed.
Remodeled and rebuilt entire interior center section and east wing of old general hospital building No. 235.
Installed quarry tile floors in general kitchen.
New diet pantry and offices in general kitchen.
Remodeled and rebuilt interiors of eleven dwellings.
New garages (2).
New retaining wall, curb and gutter for new colored men's ward Building No. 38.
Refloored white male ward building No. 46.
New swirl cooking plant.
Remodeled and rebuilt interior of building serving occupational therapy and canteen.
Installed new roofs on Nurses' Dormitory, commissary and dwelling.
New coal storage shed and ramps for coal cars.
New toilet facilities in white men's recreation yard.
New ice plant building.
New Creosote plant
New steam tunnels: 338 lineal feet 5'x 6' inside; 286 lineal feet 3½'x 4' inside; 557 lineal feet 3'x 4' inside; 762 lineal feet 2'x 2' inside.
New Cyclone wire fencing with continuous concrete footings - 743 lineal feet.

Other major buildings under contractual construction during this biennium were:

New ward building for colored men, completed.
New ward building for colored women, completed.

Also operated within the scope of this department are — a saw mill, which produced 865,370 board feet of lumber from timber grown on hospital lands; carpentry shops, engaged in the manufacture of such items as window and door frames, cabinets, chairs, tables and many other items; a shoe shop, where approximately 6,650 pairs of shoes were repaired for patients; mop and broom shop, where 13,460 mops and 9,361 brooms were manufactured; metal-work

shop, where numerous cooking utensils and other metal items are repaired and which handles sheet metal work necessary to the construction and repair of buildings.

ENGINEERING DEPARTMENT

The engineering department has the responsibility of operating and maintaining plant utilities and distribution systems furnishing electricity, steam, water and communications throughout the hospital, as well as general maintenance of refrigeration, automotive and other mechanical equipment serving the hospital. This department also operates the new 30-ton ice plant which was installed during the biennium and began production in September, 1953.

Plant records show the following production figures for the biennium: electricity 17,698,000 KW hours; steam 972,078,942 pounds; water 1,306,528,000 gallons; ice 1,363.30 tons.

In addition to general maintenance of distribution systems and equipment, this department makes all installations of electric, plumbing and heating systems required in the major renovation of existing buildings and such new construction as is done by hospital forces. Such projects for the biennium are listed in the report of the Construction Department.

Preventative maintenance, periodic inspections and instructions in safety have brought industrial accidents to a minimum. We are particularly pleased to report the excellent experience record of our automotive fleet, showing 843,600 vehicle miles without injury to anyone and winning the safety award of the State Traffic Coordinating Committee for two consecutive years.

Plans are now being prepared by a firm of architects-engineers for improvements and expansion of plant facilities and distribution systems, as provided in appropriation made by the 1953 Legislature. Principal items in this program are - new 60 M pound per hour boiler and building addition to plant; new 2,000-KW turbo-generator; rehabilitation of electric distribution system, water mains, sanitary sewers; fire alarm system; fire escapes for ward buildings; reconditioning and replacement of air-conditioning equipment in operating room. This work, when completed, will provide much needed relief and will result in lower unit cost production of steam and electricity.

Due to the growth of the institution our present filter plant and water storage facilities are not adequate to supply demands at peak needs and at the same time provide sufficient reserve for emergencies. Necessary funds to relieve this condition will be included in our next budget request for capital outlay items.

FIRE DEPARTMENT

We are pleased to report that fire losses during this two-year period have been lower than for any comparative period recorded during the seventeen years this department has been in existence.

Listed below are the number of calls responded to, type of fires and valuation of losses during this biennium:

Type Fires	Calls answered	Losses
Bed Fires	18.....	\$336.00
Buildings and Contents	9.....	429.85
Woods Fires	31.....	
Automotive Fires	1.....	225.40
Outside calls	1.....	
Totals		\$991.25

The fire department maintains a force of twelve full-time firemen and fifteen volunteer firemen. Volunteers, regularly employed in other departments of the hospital train one evening each week and are subject to call at all times. Twelve of these volunteers reside at the fire station so they may be immediately available for night calls.

Classes of study in fire fighting technique, operation and maintenance of equipment and other related subjects, have been conducted for the regular firemen in order that efficiency may be kept at highest level.

The department has made monthly fire safety inspections in all buildings occupied by patients and has received weekly inspection reports from supervisors of such buildings, toward fire prevention measures. The chief has conducted lectures on fire prevention and safety in classes for student nurses and for new attendants during indoctrination periods. Modern teaching methods, including use of motion pictures, are employed as a means of impressive and comprehensive instruction in fire prevention, as well as duties in the event of fire. We are confident that this educational program of fire prevention is largely responsible for our low fire loss during the biennium.

Mechanized equipment maintained and operated by this department consists of one 500 GPM pumper truck, one 500 GPM quadruple combination truck carrying 257 feet of ladders, and one small booster type truck. All trucks carry the usual equipment considered standard for such vehicles, plus such special equipment as is indicated for the type protection this department is charged with supplying.

This department has maintained all first aid fire fighting appliances throughout the institution, including necessary replacements of hose and recharging of more than nine hundred extinguishers installed in the various buildings.

Contract has been awarded for ten outside fire escapes, spiral and tubular types, to be installed on certain ward buildings. Also, plans have been prepared for installation of an underground fire alarm circuit. These devices, made possible through appropriations by the 1953 Legislature, are highly desirable in our fire control program. Prompt notice of fire and adequate evacuation facilities are of utmost importance toward the safety of persons and property.

HORTICULTURE AND GROUND MAINTENANCE

The Horticulture Department is responsible for the maintenance and beautification of all hospital grounds and hospital cemetery, comprising in all some 250 acres. General maintenance consists of mowing lawns, tending shrubbery, flowers and trees. Also grounds have been improved through grading and sodding where needed. 2,980 pounds of pecans were harvested from our trees.

Considerable grading, landscape work, planting of grass and shrubbery, has

been accomplished in the new building areas, particularly about the receiving center, the two new ward buildings for colored patients and the mortuary and chapel. Several sprinkler systems have been installed to better care for lawns and shrubbery about the hospital. Our cemetery road, approximately six-tenths of a mile, has been reconstructed and hard-surfaced by the State Road Department. We are sincerely grateful to the Road Department for this long needed improvement. Much work has been done toward beautification of our cemetery and small concrete markers installed on the graves of those buried there.

New mowing equipment acquired during the biennium has enabled this small department to maintain our grounds in excellent condition.

SANITARY DEPARTMENT

Activities within the scope of this department consist of general sanitation and pest control throughout the hospital, operation of sewage disposal plant, garbage disposal, operation of new swill cooking plant, and distribution of swill to our swine herd.

The department operates under direct supervision of a registered sanitarian, who makes regular inspection of sanitary conditions in the various dormitories housing patients and employees, and in the food handling departments. Buildings are graded in accordance with conditions found and reports on findings are made to the superintendent. Many improvements toward better sanitation have been made during the biennium and we are pleased to report that sanitary conditions are excellent throughout the institution.

The ultimate disposal of trash is still quite a problem. We have reached the conclusion that the most economical means of sanitary disposal of such garbage could be effected by use of the land-fill method. This would require the services of a bulldozer and we plan to include this piece of equipment in our next budget request.

Insecticides, rodenticides and other exterminating materials are compounded by the sanitary department, providing effective products at considerable saving. All hospital buildings are serviced at regular intervals for control of insects and rodents. Servicing of our farm storage buildings, carrying large quantities of corn produced on our farm, has doubtless been responsible for tremendous savings through elimination of rats, weevils and other destructive pests.

Our sewage treatment plant has continued to operate efficiently during the biennium, producing one of the best effluents to be found anywhere in the state.

LAUNDRY

As the population of the hospital has increased there has been a considerable increase in the number of pounds handled by the laundry. For the period under report we have handled in the laundry 12,322,596 pounds at a cost of \$.0209 per pound. For the previous biennium we handled 10,545,104 pounds at a cost of \$.02135 per pound.

The following equipment has been added during the biennium:

- 1 Extractor, 50" Troy Olympic
- 1 Flat Work Ironer, 120" — 6 roll
- 1 Pressing Machine, Unipress
- 1 Truck, 1954 Ford (Replacement)

Funds were appropriated by the 1953 Legislature for an addition to the laundry building and equipment for same. Plans are under way and construction, which is to be done by our own forces, will soon begin. This addition will provide much needed relief in our laundry, which is now operating at more than normal maximum capacity.

FARMING OPERATIONS

A number of notable improvements beneficial to farm and dairy operations were made during this biennium. Two hundred acres of land were cleared and planted to pasturage for beef cattle and two pure-bred bulls added to the beef herd. Three hundred acres of dairy pasture lands were planted to varieties of Bahia, Bermuda and clover. One hundred ninety four acres of additional farm lands were acquired during the biennium. Twenty thousand, five hundred pine seedlings were planted on hospital lands not suitable for farming. All fence posts are now treated in our new creosoting plant, constructed during the biennium and operated in connection with our saw mill. Posts so treated should last from fifteen to twenty years. The hospital has considerable acreage under fence and it is planned to gradually fence all hospital property. In addition to general upkeep of farm buildings and fences, the farm forces have built a small garage with parts room for repairing farm machinery and an implement shed, using salvaged lumber.

Milking machines were installed in our dairy. An artificial breeding program was established in our dairy herd and will result in much better dairy cattle than we might otherwise afford. The practice of mixing our own dairy feeds, begun in the latter part of the biennium, is expected to reduce our feed costs materially, since considerable quantities of ingredients are grown on our farm. Individual milk production records established in our dairy will enable us to determine which cows are profitable producers and result in better culling practices. All swill fed to our swine herd is thoroughly cooked in the new cooking plant operated under supervision of the hospital's sanitarium in accordance with State regulations. A full time veterinarian is employed in the care of our livestock. Pigs are vaccinated as soon as weaned and all livestock periodically examined and treated as indicated. We are pleased to report that there has been no evidence of vesicular exanthema in our swine herd.

Following is a report of items produced through our farming operations during the biennium:

	Quantity	Amount	Total
Fresh Vegetables (for kitchen use).....	Lbs. 2,116,176	\$102,556.05	
Cantaloupes.....	Only 13,381	1,041.01	
Grapes.....	Bus. 150	130.00	
Pears.....	Lbs. 92,661	1,471.02	
Pecans.....	Lbs. 12,920	2,700.89	
Potatoes, Irish (new).....	Lbs. 197,526	8,136.48	
Potatoes, sweet.....	Lbs. 190,665	13,776.29	

		Quantity	Amount	Total
Watermelons.....	Only	12,804	\$ 3,010.65	
Corn.....	Bus.	31,550	41,825.00	
Corn Meal.....	Lbs.	244,433	11,877.82	
Cotton.....	Lbs.	13,707	5,033.04	
Grits.....	Lbs.	425,855	20,677.40	
Hay.....	Bales	4,124	2,062.00	
Oats.....	Lbs.	85,508	2,773.18	
Oat Straw.....	Lbs.	11,220	126.23	
Rutabagas (Fed to Cows).....	Lbs.	107,500	762.50	
Silage.....	Tons	846	6,768.00	
				\$224,747.56
PASTURAGE FOR HOGS AND CATTLE:				
		Acres	Amount	Total
Clover-Crimson, White Dutch, etc.....		285	\$5,098.45	
Oats.....		597	7,148.92	
Oats and Bahia.....		327	6,305.13	
				\$ 18,552.50
HOG FARM:				
	Heads	Lbs.		
Hogs, Sold.....	2,198	476,254	102,720.64	
Hogs, for kitchen use.....	2	483	154.56	
				\$102,875.20
DAIRY:				
Milk Produced.....		345,056 Gals.	196,317.35	
Cows Sold.....	69 head	70,283 Lbs.	6,736.06	
Calves Sold.....	157 head		849.50	
Feed Sacks Sold.....	1,075 only		153.75	
Prize.....			20.00	
Issues of Ice (for hospital use).....		769.10 Tons	3,076.40	
Issues of Fertilizer.....		42 Tons	336.00	
				\$209,489.06
BEEF HERD:				
Cattle Sold.....	54 head	30,870 Lbs.	3,256.31	\$ 3,256.31
CANNING PLANT:				
Apples, 6/10.....		1,902 Jars	\$1,141.20	
Beans, String 6/10.....		1,614 Jars	807.00	
Jelly, Grape 6/10.....		750 Jars	1,303.75	
Pears, Bartlett 6/10.....		9,804 Jars	7,843.20	
Pears, 6/10.....		6,899 Jars	3,449.50	
Squash, 6/10.....		4,968 Jars	2,980.80	
Tomatoes, 6/10.....		6,630 Jars	3,978.00	
		32,567 Jars	21,503.45	
PROCESSING VEGETABLES FOR KITCHEN USE			858.41	
				\$ 22,361.86
TOTAL PRODUCTION.....				\$581,282.49

SEWING ROOM

Following is a summary of work done in our Sewing Room during the biennial period:

	Quantity	Amount	Total
Clothing Manufactured:			
Dresses.....	25,750	\$64,375.00	
Chemise.....	19,387	29,080.50	

SEWING ROOM (Continued)

Gowns.....	12,641	\$25,282.00	
Others.....	20,557	30,155.85	
			\$148,893.35
Bed Linens Manufactured:			
Pillow cases.....	14,839	10,387.50	
Sheets.....	18,385	35,512.75	
			\$ 45,900.05
Other Linens Manufactured:			
Towels.....	25,711	7,713.30	
Miscellaneous.....	5,046	6,525.57	
			\$ 14,238.87
Miscellaneous, clothing repaired.....			92.64
			\$209,124.91

MATTRESS FACTORY

Production records of our mattress factory show the following work accomplished during the biennium:

	Quantity	Amount
Mattresses, cotton single.....	2,009	\$ 40,180.00
Mattresses, cotton double.....	3	75.00
Mattresses, cotton rubberized, single.....	1,903	47,575.00
Pillows, cotton.....	2,225	4,450.00
Pillows, rubberized.....	20	50.00
Pillow Cases.....	10,211	7,147.70
Sheets, bleached and brown.....	8,632	16,483.00
Sheets, rubberized.....	62	186.00
Towels.....	5,450	3,135.00
Aprons, rubberized.....	415	722.23
Awnings.....	20	348.04
Blinds, venetian.....	208	1,555.25
Camisoles.....	110	247.50
Cushions, seat.....	512	913.06
Pads, rubberized.....	9	115.29
Tarpaulin.....	2	36.71
Other.....	248	1,003.43
Upholstering furniture, repairing venetian blinds, etc.....	—	2,531.54
		\$126,754.75
Mattresses, cotton single (Made for Florida Industrial School for Boys, Marianna, Florida, Materials furnished by School)	100	450.00

BRICK PLANT

The brick plant was operated by the hospital for only the first year of the biennium, being turned over to Apalachee Correctional Institution July 1, 1953, by direction of the Board of Commissioners of State Institutions. Production records for the period July 1, 1952 to June 30, 1953, show the following figures:

	Quantity	Amount
Inventory July 1, 1952.....	939,556	\$17,399.00
Production at Cost.....	1,822,097	30,421.38
	2,761,653	47,820.38
Inventory of finished brick June 30, 1953.....	1,334,743	22,284.60
Cost of brick sold and issued.....	1,426,910	25,535.78
Gross profit on sales and issues.....	—	702.03
Total sales and issues for year.....	1,426,910	\$26,237.81



THE G. PIERCE WOOD

MEMORIAL HOSPITAL

ARCADIA, FLORIDA



MEDICAL AND SURGICAL CENTER

HISTORY

The G. Pierce Wood Memorial Branch of Florida State Hospital is located in DeSoto County near Arcadia, Florida. The women's division is known as Dorr Field and the men's division as Carlstrom Field. These locations are some twelve miles apart.

The lands and original installations at these sites were formerly the property of the United States Government, having been utilized as training bases for military personnel of the Air Force. These properties were acquired by the State of Florida through Federal Grant in 1946 and work necessary to convert the buildings for use in the care and treatment of mental patients was completed in 1947.

The first patients were accepted on transfer from Florida State Hospital, Chattahoochee, in February, 1947, and by the end of the fiscal year, June 30, 1948, the patient population of the branch hospital numbered some 735. While the greater number of these patients were admitted on transfer from Chattahoochee, 112 were received on transfer from the Florida Farm Colony, Gainesville.

Relatively small additions to facilities have been constructed from time to time since the original acquisition by the State and as of June 30, 1954, the end of the current biennium, there are a total of 1,228 patients being cared for at this branch hospital.

Plans are under way to provide facilities for approximately 600 additional beds at these installations and when this work is completed the hospital will have facilities to care for a total of around 1,850 patients.

W. D. Rogers, M.D.	Superintendent
	Chattahoochee
A. P. Holloman	Asst. Superintendent
F. E. Daves, M.D.	Medical Director
A. C. Herman, M.D.	Physician
F. J. Liddy, M.D.	Physician
A. D. Migliore, M.D.	Physician
H. E. Parker, M.D.**	Physician
C. E. Beckham, D.D.S. }	Dentist
R. H. Beyer, D.D.S.* }	
Marshall T. Whidden	Business Manager
Eugene C. Wey	Drug Clerk
J. R. Beck	Laboratory Technician
Willie Mae Davis	X-Ray Technician
Elizabeth W. Mahone	Chief Nurse
	Dorr

* Resigned

** In Army

Verna L. Harden.....	Carlstrom	Chief Nurse
J. J. Martin.....		Chaplain
D. S. Shepard.....		Maintenance Engineer
Minnie Lee Cloud.....	White Female Department	Supervisor
O. E. Harden.....	White Male Department	Supervisor
Joan Brewer.....	Dorr	Recreation Director
Ernest W. NeSmith.....	Carlstrom	Recreation Director
Lessie Hansel.....	Dorr	Occupational Therapist
John W. Smith.....	Carlstrom	Occupational Therapist
Walter R. Smith.....		Supervisor of Laundry
Charles E. Dexter.....		Commissary Manager
Richard D. Davis.....		Supply Clerk
T. M. Nash, Jr.....		Steward
Ellen W. Bond.....	Dorr	Sewing Room Supervisor
Emma E. Shepard.....	Carlstrom	Sewing Room Supervisor



RECREATION AND DORMITORY BUILDING.

MEDICAL STAFF

Our medical staff, serving both Dorr and Carlstrom Divisions, consists of a medical director and three assistant physicians. An additional physician will soon be needed as a result of the increased patient population during this biennium and further increase provided under the current construction program.

In addition to the various medical and psychiatric treatment programs carried on by the medical staff, regular staff conferences are held for the purpose of considering the release of those patients who have shown sufficient improvement to indicate that they may be eligible for furlough or discharge.

The staff also holds diagnostic conferences for the purpose of classifying each new case and determining the type of treatment which might best benefit and hasten recovery.

GENERAL HEALTH

We are pleased to report that there has been no outbreak of contagious or infectious diseases among our patients or employees during the biennium. An active medical program, which embodies thorough physical examination of employees as well as patients, has enabled us to maintain a high standard of physical health.

Other preventive measures include periodic tests of our water supplies and of milk we receive, as well as routine check-ups on all food handlers, made periodically.

The number of patients in the aged and infirm type group is steadily increasing. These patients, while not acutely ill, require much medication, constant nursing care and special diets. Many of them are not physically able to go to the dining hall for their meals and must be served in the wards. Electrically heated food carts are used for this purpose, ensuring hot meals.

GENERAL HOSPITAL

Admissions to the general hospital consisted in this biennial period of:

New commitments	151
Readmitted on former commitment	9
Readmitted on new commitment	2
Returned furlough	146
Returned escape	7
Transferred from general ward section	653

During this period we had 58 deaths in the general hospital section. Patients in this section were given psychiatric and medical examinations and treatment, and many of the treatments were for purely physical ailments. 44,554 treatments of one type or another were given during this time in this section of the hospital, not including 6,513 electroshock treatments.

The general hospital section is well equipped to give routine psychiatric care by competent staff, as well as medical and surgical attention.

SURGERY

The surgical department at Arcadia Hospital has been quite active during the past two years. Under the supervision of this department is included the emergency room and the outpatient clinic; also the furnishing of sterile supplies for the institution and immunization program for the patients and employees.

During the two year period the operations listed in the tabulation below were performed. There were also a good many malignancies found among the patient population and some among the employee group. These tumors were biopsied or excised and examined in the clinical laboratory at Chattahoochee. 78 from Carlstrom branch and 13 from Dorr branch have been referred to regional tumor clinics for treatment of malignant lesions; also 3 employees and 1 member of employee's family were referred for such care.

Operations performed:

Orthopedics	66
Urological	20
General Major Surgery	33
Minor surgical procedure	455
Trays prepared	11,733
Patients treated in outpatient clinic	10,236
Inoculations	1,054

X-RAY DEPARTMENT

The X-Ray Department has continued active during the past two years. Routine films are made on all new admissions and on all employees. Patients returned from furlough are also given the benefit of re-check examinations. It has been the practice to x-ray all patients prior to their receiving shock therapy, and it has also been the practice to run serial films on all cases suspected of having pulmonary tuberculosis. All food handlers are given routine rechecks every six months for the protection of themselves, as well as for the patient population.

Film reading is in the hands of the medical staff, and films are often sent to Chattahoochee for interpretation by the radiologist there. Patients requiring x-ray and radium therapy are referred to cancer clinics in the region.

Electrocardiograms and Basal Metabolism determinations are made in this department upon request of members of the staff. Listed below is the statistical report for the biennium:

X-Rays	2,709
Electrocardiograms	287
Basal Metabolism Readings	15

LABORATORY

Laboratory work performed at the Arcadia Branch during the last two years covers most every phase of clinical application. Listed below are the general groups of laboratory procedure:

BLOOD:

Counts, etc.	2,929
Chemistries	636
URINES	3,530
STOOLS	2,492
SPUTUMS	604
MISCELLANEOUS	747

DRUG DEPARTMENT

The drug rooms at both Carlstrom and Dorr Hospitals continue in charge of a drug clerk who divides his time between these two areas. Drugs are dispensed daily to the wards and patients upon prescription and requisition.

During the biennium 1,488 departmental requisitions were honored and a total of 6,507 prescriptions filled.

DENTAL DEPARTMENT

Dental facilities consist of complete two-chair clinics at Dorr and Carlstrom Hospitals. One full time resident dentist serves both these clinics, which are operated under the supervision and direction of the Chief Dentist of the parent hospital at Chattahoochee. The resident dentist also serves the Glades State Prison at Belle Glade, giving two days each two weeks to this service.

Dental supplies and laboratory service are furnished from the parent hospital.

The total number of sittings for the biennium numbered 9,558.

MOVEMENT OF PATIENT POPULATION

	Men	Women	Total
Population as of July 1, 1952:			
Total on Records.....	438	540	978
Absent on Furlough.....	—19	—21	—40
In Hospital.....	419	519	938
Admissions:			
On New Commitment.....	113	40	153
On Former Commitment.....	4	5	9
On Return from Escape.....	6	7	13
On Return from Furlough.....	97	107	204
On Transfer from Florida State Hospital—Chattahoochee.....	212	73	285
Total All Admissions.....	432	232	664

Separations:

Furloughs (Less discharges while on furlough).....	107	104	211
Discharges while on furlough.....	21	27	48
Discharges—all other.....	9	4	13
Escapes.....	7	7	14
Deaths.....	52	19	71
Transfers to Florida State Hospital—Chattahoochee.....	11	6	17
Total all Separations.....	207	167	374
Net Population Gain.....	225	65	290
Population as of June 30, 1954:			
In Hospital.....	644	584	1,228
Absent on Furlough.....	29	18	47
Total on Records.....	673	602	1,275

RELIGIOUS SERVICES

Religious services for our patients at both Dorr and Carlstrom Hospitals are conducted twice each week. While attendance is on a voluntary basis, patients have continued to show growing interest and the number attending these regular services is increasing. Services are conducted in such manner as our chaplain feels may best reach and benefit the congregation. Special denominational services are also held from time to time as arranged by distinctive denominational groups.

Our chaplain makes regular visits twice each week to the physically ill and infirm. He also visits patients in the general wards, holding interviews with individuals and giving them such aid and comfort as he may in their spiritual and personal problems. These warm personal contacts are of real benefit to the contentment and general welfare of the patients and they are very grateful to the chaplain for his kind interest and understanding.

When a patient passes away the Chaplain writes letters of sympathy to relatives and conducts funeral services in those cases where interment is made in the local cemetery.

RECREATION AND OCCUPATIONAL THERAPY

CARLSTROM DIVISION — MEN:

Additional space provided for recreational activities during this biennium has permitted us to make much progress in expansion of programs which have meant so much to the general welfare and happiness of our patients.

Main activities in our recreation building are: weekly dances with both men and women patients participating; orchestra and choir practice each week; bingo and bridge parties each week. Our Eastern Star Library, housed in this building, is nicely equipped with comfortable chairs, tables for writing, a supply of 494 books, and various magazines are available. Magazines are distributed from the library to the various wards. We also have a new pool table, two table-tennis sets, chess and checker boards. Religious services are held in this building once each week.

Outdoor games consist mainly of shuffle board, tennis, horse shoes, croquet, soft ball and volley ball. From time to time various groups, properly supervised, are privileged to attend high school football games and soft ball games in Arcadia. Weekly shopping trips to Arcadia are arranged and group picnics are held each month outside the hospital area. Patients look forward to these outings with much pleasure.

A number of the men patients enjoy working in our woodcraft shop, which is well equipped with safety devised machinery, work benches and hand tools. Many projects are carried on here, such as manufacture of tables, chairs, benches, book cases, picture frames, signs, cabinets and other wood furniture items which may be used in the various departments of the hospital. Following is a list of items manufactured and repaired during the biennium:

New Items

50 Signs; 44 lawn chairs;
15 book cases; 30 tables; 20 lamps;
12 cornices; 6 chests of drawers;
10 bedside tables; 2 pr. crutches;
5 coffee tables; 8 soft-ball bats;
12 curtain rods.

Repaired Items

40 lawn chairs; 25 benches;
4 wheel chairs; 6 book cases;
38 radios; 5 speakers; 10 chairs;
7 desks; 6 bulletin boards;
Many small items not listed.

It is our purpose to interest every patient in some form of recreational or occupational activity. The splendid cooperation of all departments has enabled us to make steady progress in this direction.

DORR DIVISION — WOMEN:

Social activities in our recreation program for women patients are essentially the same as above outlined for men patients, consisting of dances, picnics, card parties, motion pictures, various indoor and outdoor games and other suitable forms of entertainment.

We also have a reception room and library, where a large selection of magazines, paint books and picture puzzles are available to the patients. This is located near the canteen, where patients and visitors can purchase soft drinks, ice cream, candies, and the many other small luxury items so essential to their happiness and contentment.

In addition to the general forms of recreation, we also have an Art Room, where patients do embroidery work, knitting, weaving and many other types of handicraft work. Our program has been expanded to include ceramics and basketry during this biennium. Around forty patients are enrolled in the various craft programs carried on in our Art Room.

Following is a list of the items made by patients during the biennium:

50 vanity sets; 75 scarves; 3 bed spreads; 5 quilt tops; 3 afghans; 62 rugs; 20 table cloths; 15 luncheon sets; 18 sweaters, stoles and shawls; 10 spreads; 24 leather belts; 10 ties; 386 miscellaneous crocheted items; upholstered 46 chairs and divans.

A number of the ladies have shown a keen interest in gardening and we have a small plot which they tend. They derive much pleasure and satisfaction in planting and watching the plants grow. Special group parties are planned at intervals for patients engaged in this therapy program and they thoroughly enjoy these.

Such activities are of real benefit in the general care and treatment of patients and we hope to continue expansion of these programs to the extent that each patient may be encouraged to participate in at least some form of recreation or occupational therapy.

BEAUTY PARLOR — DORR DIVISION

Personnel of our Beauty Parlor consists of one paid operator, assisted by patients who have had previous training in this type work. Patients are very appreciative of the work that is done for them and cooperate nicely with the operator and her assistants. Following is a list of the work done during the biennium.

Haircuts	3,200
Shampoos	800
Permanent waves	312
Finger waves	1,040

BARBER SHOP — CARLSTROM DIVISION

Two barbers are employed in our shop at Carlstrom and are kept quite busy as may be seen from the following list of work done during the biennium:

Haircuts	12,537
Shaves	67,825

FOOD SERVICE

The two food service departments maintained at Dorr and Carlstrom Divisions have served an average of 3,218 meals per day to patients and personnel.

Meals are appetizing, well balanced and nutritious. Cafeteria type service ensures hot meals and is well accepted by the patients. Patients are not crowded, being seated four at each table. These arrangements are doubtless largely responsible for the quiet and orderly manner in which they take their meals.

While kitchen and dining hall facilities have been adequate during this biennium, we shall need additional facilities to provide for the increased population we must serve when the new buildings authorized under the current construction program are occupied.

LAUNDRY

Our laundry has operated very efficiently during the biennium, handling a total of 2,422,287 pounds of laundry. Some additional equipment will be required during the next biennium in order to handle the additional laundry work that will be required through population increase provided for in the current new construction program.

SEWING ROOMS

The following is a report of work done in sewing rooms during this biennium:

Uniforms	559
Caps and belts.....	88
Aprons	418
Gowns and Chemise	379
Dental Jackets	11
Restraint Straps	441
Pillow slips	2,272
Wrappers	292
Towels	1,882
Curtains and Drapes (Prs.)	169
Sheets—all types	3,932
Shrouds	25
Barber Aprons	12
Screen Curtains	40
Laundry bags	6
Coffee urn bags	126
Table covers	578
Chair back covers	418
Laundry basket bodies	42
Cushions and back covers for wheel chairs	13
Couch cover	1
Miscellaneous items, covers, etc.	349
TOTAL	12,053

MAINTENANCE DEPARTMENTS

Construction Division:

In addition to general repair work on buildings and equipment, this department has accomplished quite a few projects involving major repairs and some new construction. Following is a list of the larger projects accomplished during the biennium:

- Installed asbestos shingle roofs on all buildings at Dorr and Carlstrom.
- Installed new steam tables — one at Dorr and one at Carlstrom.
- Removed partition in employees' dining room, Carlstrom, to increase capacity.
- Converted two 2-story buildings at Carlstrom from employees' quarters to ward buildings for men patients, including installation of window guards.
- Remodeled employee's dormitory, converting one section for use as recreation center and another section for use as sewing room.
- Built covered walk-way approximately 300 feet long and 8 feet wide, from patients' dining hall to wards.
- Remodeled one white male ward to adapt for housing aged and infirm patients; this work consisted of complete renovation of building and new serving room.
- Addition to woodcraft shop for lumber storage.
- Grading and filling around new ward buildings and apartments, including landscaping and planting lawns.
- Installed window guards on three white women's ward buildings.

Ice Plant:

During the biennium our ice plant has produced 911 tons of ice for use at Carlstrom and Dorr.

Water and Sewage:

Our water treatment plants at Dorr and Carlstrom produce an average of around 6,000,000 gallons of water per month. We have a very hard water at both places, tests showing 450 PPM, and we bring this down to around 110 to 120 PPM.

We must also operate two sewage treatment plants, one at Dorr and one at Carlstrom. These plants are of the activated sludge type and produce very good effluents. A laboratory is maintained so necessary tests may be made and proper chemical treatment given to keep operations at performance peak. Samples are also submitted regularly to the State Board of Health for Analysis and report.

Fire Department:

Personnel of our Fire Department consists of a fire marshal and twelve volunteer firemen, who are regularly employed in other departments of the hospital. During this biennium the department has maintained all first aid fire equipment throughout the hospital. Extinguishers are placed in all buildings and regularly tested and serviced. There have been no fire losses during this period.

PASTURE LANDS

Considerable acreage at both Carlstrom and Dorr Hospitals is being utilized as pasturage for state owned beef cattle. These outlying lands are being further developed toward the establishment of a dairy for the purpose of supplying milk to the hospitals. Approximately 300 acres have been broken and planted to improved grass, additional fencing installed, and old fences rebuilt where needed. It is planned that dairy cattle will be supplied by the parent hospital at Chattahoochee.

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